CALERA MINING CO. Log of DDH S-29 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 18,393½ N BEARING S 45½ W

2,388½ E

ELEVATION 7820½ INCLINATION -46°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	4	4	10																		
	11	7	9																		
	14	3	10						13	5	.06	.31									
	19	5	10						18	5	.02	.19									
	24	5	4						23	5	.01	.06									
	28½	4½	24						28	5	.01	.12									
	31½	3	40																		
	34	2½	16						33½	5½	Tr	.07									
	37½	3½	43						37½	4	Tr	.02									
	41	3½	20																		
	44	3	23						43	5½	Tr	.02									
	47½	3½	0						48	5	Tr	.06									
	49½	2	20																		
	54	4½	18						54	6	Tr	.05									
	58½	4½	29						58½	4½	Tr	.14									
	62	3½	20						62	3½	Tr	.13									
	67	5	6						67	5	Tr	.15									
	72	5	18						72	5	Tr	.12									
	77	5	34						77	5	Tr	.08									
	81	4	43																		
	85	4	23						85	8	Tr	.08									
	86	1	20																		
	88½	2½	20						91	6	.01	.03									
	91	2½	36																		
	94	3	40						96	5	Tr	.02									
	96	2	45																		
	99	3	47						103	7	.01	.01									
	103	4	25																		
	106	3	93						108	5	Tr	.02									
	108	2	60																		
	110	2	35																		
	111	1	60						113	5	Tr	.03									
	114	3	13																		
	118	4	13						118	5	Tr	Tr									
	123	5	20						123	5	Tr	.02			F						
	128	5	14						128	5	.01	.19									
	134½	6½	46	.03	.38				133	5	.04	.23			F						
X	138	3½	83	.27	.33			X	138	5	.18	.49									
	144½	6½	74	.09	.41				144½	6½	.10	.48			F						
	150	5½	78	.01	.37				150	5½	.04	.32									

CALERA MINING CO. Log of DDH 5-29 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 18,393½ N BEARING S 45½°W

2,388 E

ELEVATION 7820½ INCLINATION -46°

CORE								SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO.	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY		CLASS	DEPTH	INTERVAL	% CO.	% CO	GP CLASS	GP ASSAY
	155	5	68	.02	.04				155	5	.02	.12										
	158	3	43	.03	.04				158	3	.02	.14										
	162	4	30	.03	.05				162	4	.38	.38					162					
	167	5	44	1.25	4.21				167	5	1.40	3.79			F		167	5	1.37	3.86		
	172	5	28	3.64	3.40				172	5	4.70	3.14		Co			172	5	4.59	3.17		Co
	177	5	30	1.76	4.17		Co 1.12		177	5	0.88	4.12		1.21			177	5	.975	4.19		1.23
	183	6	38	.18	.50		Cu		183	6	0.81	3.04		Cu	G		183	6	.72	2.69		Cu
	188	5	34	.98	1.11		2.88		188	5	0.34	1.11		3.51			188	5	.418	1.11		3.29
	195	7	33	.28	2.02				195	7	0.52	2.71					195	7	.49	2.63		
	199	4	55	.11	6.24												199	4	.28	6.48		
	201	2	80	.05	.66				201	6	0.32	6.48										
	203	2	85	.01	.11																	
	206½	3½	45	.04	.09				206	5	0.10	1.30										
	210	3½	17	.24	.14				210	4	0.07	.49										
	214	4	80	.04	.31																	0.052 Co
	218	4	83	.03	1.95				218	8	.05	1.72			Br							
	228	10	50	.05	1.02				228	10	.04	1.06										0.984 Cu
	234	6	83	.03	.26				234	6	.03	.64										
									239	5	.07	1.80			Br							
	244	10	13	.04	1.14				244	5	.05	.70			Br		244					
	249	5	36	Tr	.05				249	5	.05	.80										
	251	2	25	Tr	Tr				251	2	.05	.53										

CALERA MINING CO. Log of DDH S-30 Sheet 1 of 3

BLACKBIRD MINE COORDINATES 18,395 N BEARING S 45½ W

2,390 E

ELEVATION 7820½ INCLINATION -60½°

CORE							SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	6	6	10																		
	8½	2½	16																		
	12	3½	6						11	5	.01	.08									
	14½	2½	20																		
	17	2½	0						16	5	.05	.13									
	20	3	17																		
	22½	2½	12						21	5	.02	.10									
	26	3½	3						26	5	Tr	.04									
	30	4	0						30	4	Tr	.08									
	34½	4½	29												Br						
	38	3½	54						38	8	Tr	.04									
	44	6	83						44	6	.01	.13									
	49	5	86						49	-	-	-									
	52½	3½	34						52½	3½	Tr	.03									
	55	2½	60																		
	58½	3½	49						57½	5	Tr	Tr									
	62	3½	23																		
	64	2	20						62½	5	Tr	.02									
	70	6	0																		
	74	4	75						70	7½	Tr	.06									
	76	2	10						76	6	Tr	.02									
	85½	9½	0						82½	6½	Tr	.02									
	86½	1	30																		
	91	4½	7						91	8½	Tr	Tr									
	95	4	5						96	5	Tr	.05									
	100	5	6						100	4	Tr	.02									
	102	2	60						102	2	.01	.08									
	105	3	43																		
	108	3	70						107	5	Tr	.03									
	110	2	93																		
	112	2	93						112	5	.01	.03									
	114	2	100																		
	116	2	95																		
	118	1½	73						117½	5½	.01	.03			F						
	123½	6	5																		
	127	3½	14						123½	6	.01	.02									
	129	2	80	.02	.03				129	5½	Tr	.03									
	133	4	45	.11	.05				133	4	.08	.10									
	137	4	43	Tr	Tr																
	141	4	28	.01	Tr				138	5	.03	.21									
	145	4	53	.02	.69				143	5	.03	.36									
	148	3	47	.02	.09										P						
									148	5	.03	.33									

CALERA MINING CO. Log of DDH 5-30 Sheet 2 of 3

BLACKBIRD MINE COORDINATES 18,395 BEARING S 45½ W

2,390

ELEVATION 7820½ INCLINATION -60½°

CORE

CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY
	155	7	26	.06	.24		
	161	6	17	.03	.07		
	165	4	0	—	—		
	168	3	47	.11	.06		
	172½	4½	40	.07	.12		
	175	2½	48	.08	.31		
	184	9	18	3.92	4.94		
	186	2	40	.26	.14		
	195	9	9	.16	.17		Co 2.18
	196½	1½	60	.43	.51		
	199	2½	32	.06	.05		
	205	6	25	4.55	2.30		Cu 1.86
	208	3	27	4.61	1.80		
	213	5	12	.45	.10		
	215	2	35	.06	.05		
	220	5	36	.27	Tr		
	222	2	55	Tr	.03		
	226	4	8	.03	.02		
	230	4	28	.01	Tr		
	235	5	34	.01	.02		
	240	5	14	.03	.09		
	243	3	43	.02	Tr		
	247	4	30	.07	.02		
	251½	4½	20	.05	.06		
	256	4½	22	.18	.02		
	259	3	67	.75	.11		
	264	5	14	.14	Tr		
	269	5	14	.12	.10		
	275½	6½	51	.02	.78		
	280½	5	18	Tr	Tr		
	285	4½	36	.01	.07		

SLUDGE

CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY
	155	7	.17	.69		
	161	6	.08	.20		
	165	4	.14	.46		
	168	3	.15	.55		
	173	5	.18	.60		
	175	2	.13	.33		
	184	9	1.68	5.42		
	189	5	.83	3.86		
	194	5	.36	1.97		Co 1.08
	199	5	.57	2.30		
	204	5	.92	3.34		Cu 3.46
	208	4	2.16	4.10		
	214	6	.93	2.75		
	219	5	.98	2.64		
	226	7	.32	.92		
	231	5	.32	.92		
	236	5	.27	.70		
	240	4	.36	.43		
	245	5	.53	.37		
	250	5	.31	.78		
	255	5	.33	.30		
	260	5	.70	.31		
	265	5	.27	.24		
	270	5	.19	.58		
	275	5	.10	.50		
	280	5	.05	.15		
	285	5	.03	.41		

COMBINED

CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	175					
	184	9	2.60	5.22		
	186	2	0.75	2.57		
	195	9	0.53	2.56		Co 1.18
	196½	1½	0.54	1.92		
	199	2½	0.51	2.08		Cu 3.40
	205	6	1.40	3.37		
	208	3	2.39	3.87		
	213	5	.895	2.57		

F?

Br

CALERA MINING CO. Log of DDH 5-30 Sheet 3 of 3

BLACKBIRD MINE COORDINATES 18,395 BEARING S.45½ W.

2,390

ELEVATION 7820½ INCLINATION -60½°

CORE									SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	287	2	90	Tr	.02																		
	291½	4½	60	.02	Tr					290	5	.04	.50										
	296	4½	40	.07	.53					295	5	.06	.14										
X	301	5	38	.20	.04					300	5	.11	.32			S							
	306	5	24	.06	.19				X	306	6	.14	.42										
	309½	3½	29	.10	Tr					309½	3.5	.06	.28										
	314½	5	60	.03	.05					314½	5	.11	.47			Br							
	319½	5	54	.01	.13					319½	5	.08	.68			Br							
	325	5½	16	.05	.02				X	325	5½	.11	.64			D							
	329	4	60	.03	.26					329	4	.06	.49			D Br							
	334	5	44	.12	.03					334	5	.08	.45			D							
	339	5	74	Tr	Tr					339	5	.09	.45										
	345	6	45	Tr	Tr					345	6	.07	.32										
	350	5	94	.01	Tr					350	5	.07	.33										
	356	6	52	Tr	Tr					356	6	.10	.43										
	362	6	28	.01	Tr					362	6	.10	.33										

CALERA MINING CO. Log of DDH S-31 1 Sheet of 3

BLACKBIRD MINE COORDINATES 18,289 N. BEARING S 57½ W

2,523 E

ELEVATION 7,857½ INCLINATION -44½°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	7	7	9																			
	12	5	16						12	5	.04	.40										
	13½	1½	40																			
	18	4½	9						18	6	.02	.10										
	23	5	26						23	5	.05	.26			Br							
	28	5	38						28	5	.05	.33										
	29½	1½	40																			
	33	3½	20						33	5	.01	.04										
	37	4	15						37½	4½	.01	Tr										
	42½	5½	13						42½	5	.01	.04										
	48	5½	22						48	5½	Tr	.02			Br							
	53	5	38						53	5	.01	.03										
	58	5	22						58	5	Tr	Tr										
	59	1	70																			
	62	3	64						62	4	Tr	.02										
	63½	1½	80																			
	66	2½	92						66	4	Tr	.01										
	68½	2½	96																			
	71	2½	24						71	5	Tr	.04										
	73	2	95												F							
	76½	3½	49						76½	5½	Tr	.02			F?							
	78	1½	60																			
	80½	2½	96						80½	4	Tr	.02										
	83	2½	64																			
	85	2	100						85	4½	Tr	.09										
	87	2	80																			
	91	4	63						91	6	Tr	.08										
	94	3	100																			
	97	3	90						97	6	Tr	.04										
	99	2	100																			
	104	5	90						104	7	Tr	.19			Br							
	107	3	100						107	3	Tr	.03			Br							
	111	4	83						111	4	Tr	.02			Br							
	115	4	95						115	4	.03	.08			Br							
	119	4	93						119	4	.01	.13			Br							
	122½	3½	80																			
	125½	3	63						125½	6½	.02	.32										
	128½	3	70																			
	130½	2	90						130½	5	Tr	.19										
	135½	5	40						135½	5	.02	.61										
	137½	2	85																			
	140	2½	76						140	4½	Tr	.25										

CALERA MINING CO. Log of DDH S-31

BLACKBIRD MINE COORDINATES 18,289 2,523 BEARING S 57½ W.

ELEVATION 7,857½ INCLINATION -44½°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH 140	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH 140	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	144½	4½	93						144½	4½	.02	.13									
	148½	4	100						148½	4	.04	.29									
	152½	4	100						152½	4	.02	.11									
	154	1½	100						155½	3	.02	.17									
	155½	1½	20																		
	159½	4	98						159½	4	.04	.12									
	165	5½	55						165	5½	.02	.07									
	169	4	100						169	4	.02	.09									
	174	5	44						174	5	.03	.14									
	176	2	95						180	6	.01	.09									
	180	4	80																		
	183	3	80						183	3	.02	.10									
	185½	1½	80																		
	190	4½	100						190	7	.01	.22									
	194½	4½	51						194½	4½	.05	.26									
	199½	5	92						199½	5	.02	.04									
	205	5½	78						205	5½	.02	.13									
	209	4	43	.24	1.16				209	4	.05	.63			G D						
	211	2	85	.01	.09																
X	211½	4	100	.05	1.77																
	214½	3	87	Tr	.02				214½	5½	.03	.52									
	216½	2	80	.01	.05				216½	2	.04	.32									
	219½	3	73	.04	.15			X	220½	4	.03	1.92			Br D						
	220½	1	100	Tr	.23																
	224½	4	58	.01	.07				224½	4	.02	.61									
	229	4½	100	Tr	Tr				229	4½	.03	.31									
	238	9	91	Tr	.02				238	9	.04	.19									
	241½	3½	40	.01	.04				241½	3½	.04	.61									
	247	5½	78	.01	.04				247	5½	.03	.38									
	249½	2½	96	Tr	.01				252	5	.06	.78									
X	252	2½	48	.08	.90																
	261	9	92	Tr	Tr				261	9	.02	.10									
	269½	8½	91	.02	.03				266	5	.05	.36			Br						
								X	269½	3½	.07	1.88									

CALERA MINING CO. Log of DDH S-31 3 Sheet of 3

BLACKBIRD MINE COORDINATES 18,289 N BEARING S-57½ W.

2,523 E

ELEVATION 7,857½ INCLINATION -44½°

CORE							SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
	269½																				
	272½	3	57						272½	3	.03	.16									
	276½	4	73						276½	5	.03	.17									
	278½	2	100																		
	280	1½	97						280	3½	.04	.15									
	282½	2½	88																		
	285½	3	100						285½	5½	.03	.32									
	288	2½	70						288½	3	.02	.14									
	291½	3½	100						291½	3	.02	.13									
	297½	6	93						297½	6	.03	.13			Br						
	301	3½	94						301	3½	.02	.33									
	308	7	96						308	7	.03	.56									
	311	3	100																		
	318	7	67						318	10	.01	.14			D						
	324	6	37						324	6	.01	.19									
	329	5	92						329	5	.04	.28									
	332½	3½	57						332½	3½	.03	.09									
	336	3½	69																		
	339	3	83						339	6½	.02	.22									
	346	7	30						346	7	.03	.30									
	349	3	87						349	3	.02	.17									
	351½	2½	52																		
	352½	1	90												D?						
	354	1½	80						355	6	.01	.14			Br						
	355	1	100																		
	357	2	65																		
	360	3	17						363	8	.01	.17									
	363	3	10																		
	366	3	33						366	3	.02	.44			S						
															D						
	371	5	40	.01	.04				371	5	.01	.56			D?						
	376	5	76	.03	.38				376	5	.04	1.24				376					
	381½	5½	49	.48	.21				381½	5½	.25	2.77				381½	5½	a291	2318		
	386	4½	78	Tr	Tr				386	4½	.08	1.03									
	391	5	94	Tr	Tr				391	5	.03	0.71									
	393½	2½	76	.05	.04				393½	2½	.05	.64									
	400	6½	49	Tr	Tr				400	6½	.03	.38									
	410	10	51	Tr	Tr				404½	4½	.04	.37									
									410	5½	.02	.51									

CALERA MINING CO. Log of DDH S-32 1 Sheet of 3

BLACKBIRD MINE COORDINATES 18,137 N BEARING S 71½°W

2,629 E

ELEVATION 78 33½ INCLINATION -47°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	10	10	5						10	4	Tr	Tr										
	12	2	25												Br							
	17	5	20						17	7	Tr	Tr										
	22	5	6						22	5	Tr	.02										
	26½	4½	29						26½	4½	Tr	.02			F?							
	31	4½	13						31	4½	Tr	Tr										
	35½	4½	44						35½	4½	Tr	.02										
	39½	4	33						39½	4	.01	Tr										
	41½	2	100						44½	5	Tr	.05										
	46	4½	71						50	5½	Tr	Tr										
	53½	7½	35						58½	8½	Tr	.02										
	58½	5	40						64½	8	Tr	Tr										
	64½	6	33	Tr	Tr				69½	5	.15	.03										
	66	1½	100	.45	.08				73½	4	.33	.09										
	69½	3½	97	.07	Tr				79½	6	.13	.08										
	70½	1	100	.50	.07				85½	6	.23	.23			Br							
	73½	3	100	.16	.22				91½	6	.08	.82										
	75	1½	100	.09	.02				96	4½	.11	1.03										
	79½	4½	100	.09	.15				100	4	.06	.10			S							
	82½	3	93	.30	.13				105	5	.05	.33										
	85½	3	100	.06	Tr				110	5	.06	.36										
	91½	6	88	.06	.47				116	6	.03	.52										
	93½	2	100	.07	.05				123	7	.04	.36										
	96	2½	76	.06	.09				132½	9½	.01	.07										
	100	4	100	.07	.02				137	4½	.01	.09										
	103½	3½	94	Tr	.04				141	4	.01	.08										
	105	1½	100						142	3	.02	.09										
	106½	1½	100						166	24	No Sludge											
	109½	3	100																			
	112	2½	100																			
	116	4	100																			
	123	7	100																			
	132½	9½	100																			
	134	1½	67																			
	137	3	100																			
	139	2	100																			
	141	2	90																			
	143	2	60	Tr	Tr																	
	147	4	30	.01	Tr																	

CALERA MINING CO. Log of DDH S-32

BLACKBIRD MINE COORDINATES 18,137 N BEARING S-71½°W

2,629 E

ELEVATION 7833½ INCLINATION -87°

CORE

CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY
	197						
	153½	6½	85	Tr	.02		
	156	2½	88	.01	Tr		
	158	2	90	.01	.06		
	162	4	68	.03	.23		
	166	4	98	.04	.63		
	168½	2½	80	.04	.47		
	171½	3	100	.04	.71		
	176½	5	66	.04	.13		
	178	1½	80	.07	.27		
	180	2	80	.02	.15		
	181½	1½	73	.06	.50		
	185½	4	100	.01	.05		
X	193	7½	63	.15	.18		
	195½	2½	80	.11	.14		
X	197	1½	100	.21	.70		
	201½	4½	100	1.62	2.00		Co 1.03 Ce 2.07
	206½	5	48	.51	2.13		
	209½	3	17	.10	2.60		
	214	4½	20	.02	.02		
	219	5	18	.08	.68		
	224	5	10	.08	2.97		
	227½	3½	29	.03	.28		
	231	3½	31	.04	.19		
X	234	3	60	.08	.78		
	237½	3½	31	.07	.42		
	240½	3	70	.04	.30		
	244	3½	57	.04	.64		
	247	3	60	.01	.27		
	252	5	24	Tr	.13		
	254½	2½	32	.01	.36		
	257½	3	50	.01	.16		
	262½	5	40	.15	.28		
X	267½	5	52	.12	.76		
	271	3½	40	.04	.04		
	273	2	35	.05	.13		
	276	3	27	.02	.15		
	280	4	23	.03	.12		
	284	4	23	.07	.12		

SLUDGE

CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY
	166					
	171½	5½	.04	.79		
	176½	5	.04	.85		
	181½	5	.09	.64		
	185½	4	.04	.34		
	193	7½	.16	.23		
	201½	8½	.69	1.03		Co .71 Ce 2.11
	206½	5	.75	3.95		
X	209½	3	.15	.42		
	214½	4½	.04	.29		
	219	5	.14	2.06		
	224	5	.09	2.40		
	227½	3½	.05	.71		
X	234	6½	.07	1.35		
X	240½	6½	.10	1.14		
	247	6½	.03	1.00		
	252	5	.05	.57		
X	257½	5½	.03	1.08		
	262½	5	.04	.79		
X	267½	5	.07	.83		
	272½	5	.06	.45		
	280	7½	.19	1.52		
	284	4	.32	1.46		

Br
Br
Br
Br
Br
S
S
Br
D
D

COMBINED

CLASS	DEPTH	INTERVAL	% CO.	% CO.	GP. CLASS	GP ASSAY
	197					
	201½	4½	1.62	2.00		Co 1.13 Ce 2.86
	206½	5	.70	3.64		

CALERA MINING CO. Log of DDH S-32 3 Sheet of 3

BLACKBIRD MINE COORDINATES 18,137 N BEARING S-71½ W

2,629 E

ELEVATION 7833½ INCLINATION -47°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	287	3	40	.10	.41			X	287	3	.12	.54			D							
	291	4	45	.05	.05				291	4	.07	.23										
	295	4	38						295	4	.04	.23										
	299	4	5						299	4	.02	.12										
	302	3	7						302	3	.02	.08										
	305½	3½	57						305½	3½	.04	.10			S							
	309	3½	46						309	3½	.01	.06										
	312½	3½	60						312½	3½	.01	.02										
	316	3½	46						316	3½	.01	.06										
	320	4	15						320	4	.02	.04										
	322½	2½	20						322½	2½	.04	.17										

CALERA MINING CO. Log of DDH S-33 Sheet 1 of 3

BLACKBIRD MINE COORDINATES 17,865 N BEARING S89 W.
2,892 E

ELEVATION 7,766½ INCLINATION -45°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	14¾	4¾	60						13														
	18	3¼	94																				
	23	5	78						23	8	.01	.02											
	28	5	56						28	5	Tr	.02			F								
	33½	5½	85						33½	5½	.01	Tr			F								
	38½	5	44						38½	5	.01	.04											
	43½	5	24						43½	5	Tr	.02			S								
	48½	5	30						48½	5	Tr	.04			Gr								
	54	5½	20						54	5½	Tr	.04											
	58	4	60						58	4	Tr	.05			S								
	63	5	80						63	5	Tr	.04											
	65½	2½	40												S								
	68	2½	72						68	5	Tr	.04											
	73½	5½	91						73½	5½	.02	.08			S								
	77½	4	100						77½	4	.02	.05											
	81½	4	100						81½	4	.02	.07			S								
	85½	4	85	Tr	.02				85½	4	—	—											
	89½	4	33												S								
	93	3½	0						93	7½	Tr	.07											
	95	2	45																				
	99	4	63						99	6	.01	.05			S								
	100	1	30																				
									103	4	Tr	.07											
	108	8	0						108	5	.01	.15											
	114	6	43						114	6	.01	.16			S								
	116	2	70												D?								
	122	6	27						122	8	.02	.06			S								
	126½	4½	29						126½	4½	.01	.08											
	130½	4	13																				
	133½	3	47						133½	7	Tr	.05											
	136½	3	53																				
	138½	2	20						138½	5	.01	.11			D								
															G								
	143	4½	9	.06	.83				143	4½	.08	.88			D								
	145	2	70	.12	.63										D								
	146½	1½	80	.11	.32																		
	148½	2	70	1.45	.45				148½	5½	.26	1.22			S								
	150½	2	55	.14	.83																		
	152½	2	35	.05	.13				152½	4	.32	1.67											
	157½	5	78	.02	.42				157½	5	.05	.28			Br								

CALERA MINING CO. Log of DDH S-33 Sheet 2 of 3

BLACKBIRD MINE COORDINATES 17,865 N BEARING S-89 W

2,892 E

ELEVATION 7,766½ INCLINATION -45

CORE CLASS	CORE DEPTH	CORE INTERVAL	CORE % RECOVERY	CORE % CO	CORE % CU	CORE GP. CLASS	CORE GP. ASSAY	SLUDGE CLASS	SLUDGE DEPTH	SLUDGE INTERVAL	SLUDGE % CO	SLUDGE % CU	SLUDGE GP. CLASS	SLUDGE GP. ASSAY	COMBINED CLASS	COMBINED DEPTH	COMBINED INTERVAL	COMBINED % CO	COMBINED % CO	COMBINED GP CLASS	COMBINED GP ASSAY
	161½	4	30	.01	.23				157½												
X	165½	4	53	.04	1.21			X	161½	4	.06	8.20									
	167	1½	60	.02	.68			X	165½	4	.06	1.23									
	169½	2½	56	.10	.34			X	169½	4	.08	1.42									
	173	3½	63	.02	.05				174	4½	.04	.44									
	174	1	50	.04	.42																
	182	8	24	.01	.09			X	182	8	.06	1.06									
X	185	3	23	Tr	1.76			X	185	3	.13	1.11									
	189	4	85	.02	.08			X	189	4	.08	1.17									
	195	6	72	.03	.11				195	6	.07	.63									
	200½	5½	18	.04	.59				200½	5½	.12	6.59									
	204½	4	5	—	—																
	206½	2	0	—	—				206	5½	.11	5.36									
	209½	3	60	.03	.19																
	211½	2	65	.06	.13				211½	3½	.08	2.79			S						
	215	3½	100	.04	.53				215	3½	.12	2.35									
	219½	4½	100	.04	.01			X	219½	4½	.08	1.64			D						
															D						
	224	4½	40	.10	.22				224	4½	.06	.42									
	226	2	25	.04	Tr																
	229	3	58	—	—			X	229	5	.16	1.00									
	233	4	40	.02	.19				233	4	.08	.26									
	235	2	30	.06	.12										G						
	237	2	35	Tr	Tr				237	4	.08	.08									
	241	4	52	.03	.03				241	4	.10	.42									
	243½	2½	30	.02	.05																
	246½	3	68	.01	.02				246½	5½	.03	.05									
	250½	4	50	.03	.13				250½	4	.09	.19									
	255½	5	58	.03	.15				255½	5	.05	.13									
	260½	5	23	.14	.11				260½	5	.09	.09									
X	266½	6	54	.21	.10				266½	6	.20	.10									
	271½	5	97	.10	.29				271½	5	.08	.13									
	275	3½	97																		
	279	4	65						279	7½	.06	.14			D						
	282	3	40												D						
	285	3	60						285	6	.02	.05									
	290	5	76						290	5	.05	.09									

CALERA MINING CO. Log of DDH 5-33 Sheet 3 of 3

BLACKBIRD MINE COORDINATES 17,865 N BEARING S-89 W

2,892 E

ELEVATION 7,766 ½ INCLINATION -45

CORE								SLUDGE								COMBINED							
CLASS	DEPTH - 290	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH - 290	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	293	3	80																			
	296½	3½	43						296½	6½	.02	.01										
	301½	5	32						301½	4	.02	.02										
	304	3½	76																			
	308	4	43						308½	7	.07	.25										
	311	3	27						311	2½	.05	.12										
	313½	2½	56																			
	318½	5	92						318	7	.03	.08										
	324	5½	84						324	5½	.04	.07										
	330	6	73						330	6	.05	.10										

CALERA MINING CO. Log of DDH S-34 1 Sheet of 2

BLACKBIRD MINE COORDINATES 18,003 N BEARING N88 W

2,790 E

ELEVATION 7,799 INCLINATION -58½°

CORE

CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY
	24	24	2				
	46½	22½	1				
	50	3½	14				
	54½	4½	4				
	57	2½	20				
	59	2	25				
	62	3	30				
	65	3	10				
	67½	2½	24				
	70½	3	0				
	72	1½	67				
	74½	2½	100				
	76½	2	100				
	80½	4	98				
	84½	4	48				
	86½	2	95				
	89½	3	90.				
	94	4½	93	Tr	Tr		
	96½	2½	100	.02	Tr		
	102½	6	100	.01	Tr		
	104½	2	100	Tr	.04		
	107	2½	96	.79	.01		
	112	5	92	.08	.07		
	113½	1½	100	.09	.12		
	117½	4	35	Tr	.02		
	133						
	135	2	75	.12	.02		
	139	4	28	.05	.17		
	142	3	83	.10	.04		
	144	2	80	.08	.03		
	145½	1½	100	.14	.19		
	148	2½	100	.12	.02		
	151½	3½	37	.04	.02		
	154	2½	100	.05	Tr		
	155½	1½	100	.12	.11		
	158½	3	53	.07	.18		
	163	4½	33	.02	Tr		
	168	5	50	.08	.04		
	175	7	24	.05	.09		
	180	5	60	.03	.06		
	185	5	36	.05	.08		
	190	5	92	.05	Tr		
	192	2	75	.03	Tr		
	195	3	50	.22	.10		
	200	5	22	.08	.26		

SLUDGE

CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY
	46½					
	50	3½	Tr	.03		
	54½	4½	.01	Tr		
	62	7½	Tr	.02		
	70½	8½	Tr	Tr		
	74½	4	Tr	.05		
	80½	6	.02	Tr		
	84½	4	.02	.09		
	92	5½	.03	.27		
	96½	4½	Tr	.03		
	102½	6	.13	.02		
X	112	9½	.37	.04		
	117½	5½	.05	.02		
	124	6½	.05	.04		
	130½	6½	.03	.05		
	139	8½	.07	.04		
	144	5	.07	.02		
X	147	3	.19	.15		
	151½	4½	.17	.12		
	154	2½	.12	.10		
	163	9	.08	.14		
	168	5	.04	.13		
	175	7	.06	.12		
	180	5	.05	.06		
	185	5	.03	.04		
	190	5	.04	.01		
	195	5	.05	.02		
	200	5	.04	.08		

COMBINED

CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
Br						
~~Br~~						
~~Br~~						
S						
S						
D						
D						
D						
Br						
~~D~~						
~~D~~						
~~D~~						
~~D~~						
~~D~~						
~~D~~						
~~D~~						
~~D~~						
~~D~~						
~~D~~						
~~D~~						
Br						

CALERA MINING CO. Log of DDH 5-34 2 Sheet of 2

BLACKBIRD MINE COORDINATES 18,003 N BEARING N88W

2,790 E

ELEVATION 7,799 INCLINATION -58½°

CORE

CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY
	205	5	52	.06	.70		
	208	3	73	.04	.86		
	210	2	75	.06	.53		
	214	4	100	.05	.10		
	221½	7½	96	.39	.70		
	226	4½	87	.03	.12		
	231½	5½	20	.04	.49		
X	236	4½	67	.05	1.36		
	240	4	53	.04	.74		
	242	2	35				
	245	3	17				
	250	5	4				
	253	3	50				
	255	2	55				
	257	2	75				
	259	2	100				
	261	2	75				
	265	4	75				
	266½	1½	100				
	270	3½	34				
	275	5	40				
	279	4	63	.05	Tr.		
	282	3	50	.01	.02		
	285	3	53	.03	.02		
	292	7	43	.03	.01		
	295	3	7				
	298	3	33				
	300½	2½	80				
	305½	5	18				
	308	2½	48				
	310	2	25				
	313	3	30				
	315	2	55				
	320	5	46				
	323	3	33				
	324½	1½	40				
	328	3½	100				
	331	3	97				
	340	9	53				
	346½	6½	38				
	350	3½	14				

SLUDGE

CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY
	200					
	205	5	.04	.09		
	210	5	.07	.08		
	214	4	.05	.04		
	221	7	.05	.12		
	226	5	.03	.09		
	231½	5½	.06	.42		
	236	4½	.07	.77		
	240	4	.03	.43		
	245	5	.05	.41		
	250	5	.03	.13		
	255	5	.06	.27		
	262	7	.04	.41		
	266½	4½	.02	.09		
	275	8½	.05	.12		
	279	4	.04	.13		
X	285	6	.15	.51		
	292	7	.02	.04		
	298	6	.03	.05		
	305	7	.03	.04		
	313	8	.04	.05		
	320	7	.04	.03		
	328	8	.06	.03		
	331	3	.03	.02		
	340	9	.04	.01		
	346½	6½	.07	.02		
	350	3½	.03	.02		

COMBINED

CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
D						
Br						
D						
S						

CALERA MINING CO. Log of DDH 5-35 Sheet 1 of 3

BLACKBIRD MINE COORDINATES 17,675½ N BEARING S87½ W.
3,165½ E

ELEVATION 7682½ INCLINATION -58½°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	50	50	22						50												
	54	4	45						55	5	Tr	Tr									
	56	2	100						58	3	.01	Tr									
	58	2	95						63½	5½	Tr	Tr									
	63½	5½	44						67½	4	Tr	Tr									
	67½	4	83						71½	4	.01	Tr									
	71½	4	55						76½	5	.01	.02									
	76½	5	68						82	5½	Tr	Tr			S						
	82	5½	42						89	7	.05	.10			S						
	85½	3½	80						94½	5½	.07	.07			S						
	89	3½	100						102½	8	.12	.10									
	94½	5½	40	.02	.06				109	6½	.05	.08									
	99	4½	78	.01	.02				115	6	.11	.14			Br						
	102½	3½	83	.01	Tr				121	6	.06	.13			Br						
	104	1½	100	Tr	.02				126	5	.10	.19									
	109	5	50	.01	.02				131	5	.06	.18									
	114	5	90	Tr	.04				138	7	.08	.12									
	120	6	75	.02	.06				143	5	.02	.08									
	121	1	80	.08	.32				148	5	.02	.02									
	126	5	72	Tr	Tr				153	5	.03	.05									
	128	2	100	Tr	.03				164	11	.01	.04									
	132½	4½	100	Tr	.02				168	4	.05	.09									
	135½	3	57	Tr	.06				172	4	.01	.03									
	138	2½	68	Tr	.03				177	5	Tr	.02									
	143	5	66						183	6	.01	.04			F?						
	148	5	58						188	5	.01	.04									
	153	5	60						195	7	.08	.22			Sh						
	156½	3½	80						200	5	.02	.02									
	164	7½	15																		
	168	4	43																		
	172	4	13																		
	174	2	30																		
	177	3	23																		
	180	3	50																		
	183	3	50																		
	188	5	72	Tr	.01																
	191	3	23	Tr	.01																
	195	4	25	Tr	.01																
	200	5	60	Tr.	Tr.																

CALERA MINING CO. Log of DDH 5-35 Sheet 2 of 3

BLACKBIRD MINE COORDINATES 17,625½ N BEARING S87½ W

3,165½ E

ELEVATION 7682½ INCLINATION -58½°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH 200	INTERVAL	% RECOVERY	% CO.	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH 200	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP CLASS	GP ASSAY
	205	5	58	.08	.07				205	5	.15	.24			S						
	209	4	55	.05	.15				209	4	.13	.17			F						
	211	2	75	.01	.03				215	6	.04	.08									
	215	4	98	.02	.01				219	4	.04	.08									
	219	4	83						223	4	.04	.10									
	222	3	100						230	7	.03	.05									
	224½	2½	68						236	6	.02	.13									
	230	5½	85						243	7	.05	.37			S						
	232	2	100						249	6	.08	.35									
	235	5	97						253	4	.24	2.15			Br						
	240	5	90	Tr	Tr				259½	6½	.12	.40			S						
	243	3	97	.06	.70				263	3½	.11	.33									
	246	3	33	.06	.50				268½	5½	.07	.17			S						
	249	3	33	.21	1.79				275½	7	.13	.21									
	250	1	100	.54	2.01				286½	11	.03	.04									
	253	3	23	Tr	.03				292	5½	.05	.13									
	257½	4½	58	.01	.02				297	5	.04	.06									
	259½	2	55	.01	.03				301½	4½	.02	.02									
	263	3½	74	.07	.20				307½	6	.02	.04									
	265½	2½	92	Tr	Tr				312	4½	.03	.07									
	272	6½	89	Tr	Tr				320½	8½	.02	.01									
	275½	3½	89	Tr	Tr				324	3½	.03	.05									
	281½	6	83	Tr	Tr				329	5	.40	.21									
	287	2½	48	Tr	Tr				334	5	.06	.04									
	288½	2½	28	.01	.04				338	4	.10	.10									
	292	5½	18	.01	.14				343	5	.10	.07									
	297	5	46						349	6	.33	.33									
	301½	4½	64																		
	307½	6	27																		
	312	4½	38																		
	313½	1½	87																		
	315½	2	75																		
	320½	5	14																		
	324	3½	23	.02	.02																
	329	5	34	.01	.02																
	334	5	32	.07	.02																
	338	4	15	.12	.04																
X	340	2	20	.39	Tr																
	343	3	0	—	—																
X	349	6	37	.27	.23																

CALERA MINING CO. Log of DDH S-35 Sheet 3 of 3

BLACKBIRD MINE COORDINATES 17,625½ N BEARING S-87½°W.

3,165½ E

ELEVATION 7682½ INCLINATION −58½°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	353	4	10	.09	.07				349													
X	355	2	65	.18	.79			X	355	6	.18	.18										
	359	4	90	.17	.11			X	359	4	.18	.14										
	364	5	34	.03	Tr				364	5	.01	.03			S							
	369	5	90	.07	.04				369	5	.02	.04										
	373	4	80	.66	1.53				373	4	.45	1.18			D							
X	376½	3½	100	.05	1.10																	
	378	1½	100	.05	.42				378	5	.13	.38										
	381	3	77	.05	.34																	
	386	5	92	.03	.07				386	8	.08	.18			Br							
									391	5	.06	.09										
	398	12	13	Tr	.02				396	5	.07	.12										
									401	5	.08	.08			D							
	403	5	42	.06	.05																	
	405	2	80	Tr	Tr				405	4	.07	.07										
	409	4	5	—	—																	
									411	6	.07	.04										
	416	7	13	Tr	Tr				416	5	.04	.07										
	420	4	0	—	—				420	4	.11	.32										
	426	6	27	.05	.21				426	6	.10	.26			D							
	428½	2½	76	.05	.14				428½	2½	.09	.30										
	433	4½	16	.02	.12				433	4½	.09	.23										
	440	7	19	.09	.24				440	7	.06	.15										

CALERA MINING CO. Log of DDH S-36 Sheet 1 of 3

BLACKBIRD MINE COORDINATES 18,548 N BEARING S-58½ W

3,407 E

ELEVATION 7,926 INCLINATION −59°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	10	10	20						10	10	Tr	.05									
	13	3	23																		
	15	2	55																		
	20	5	78						20	10	Tr	.06									
	25	5	66												D						
	30	5	22						30	10	.01	Tr									
	35	5	34						35	5	.01	Tr									
	40	5	32						40	5	.01	Tr									
	45	5	48						45	5	.02	Tr									
	50	5	30						50	5	.01	.02									
	52½	2½	36																		
	56	3½	83						56	6	.01	Tr									
	58½	2½	72																		
	61	2½	100						61	5	.02	.02									
	65	4	58						65	4	.02	.01									
	68½	3½	46																		
	70½	2	35						70½	5½	.03	.02									
	72½	2½	50																		
	74½	2	65																		
	76	1½	73						76	5½	.05	.03									
	80	4	80						80	4	.02	.02			Br						
	84½	4½	62																		
									85	5	Tr	Tr									
	90	5½	49						90	5	.02	.04									
	93	3	93												S						
	96	3	73						96	6	Tr	Tr									
															D						
	101½	5½	95						101½	5½	.02	.08									
	108½	7	89						108½	7	Tr	Tr									
	115	6½	43						115	6½	.01	Tr			Br						
	120	5	34						120	5	Tr	.03									
	126	6	42						126	6	Tr	Tr									
	130	4	88						130	4	.02	.01			F						
															Br						
															D						
	135½	5½	49						135½	5½	Tr	.02			Br						
															D						
	140	4½	89						140	4½	.01	.03									
	145½	5½	82						145½	5½	.02	.02									
	151	5½	87						151	5½	Tr	.02									
	155	4	63						155	4	Tr	.01			Br						

CALERA MINING CO. Log of DDH S-36 Sheet 2 of 3

BLACKBIRD MINE COORDINATES 18,548 N BEARING S 58½ W.

3,407 E

ELEVATION 7,926 INCLINATION -59°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	155								155												
	158	3	77						158	3	.02	.10									
	164	6	83						164	6	.02	.09			Br						
	171	5	88	.03	.79				171	7	.02	.24									
	175	4	65	.01	Tr																
	178	3	67	Tr	Tr				178	7	.05	.28									
	180½	2½	52	.93	2.07																
	183	2½	32	.16	.67			X	185½	7½	.21	.49			D						
	185½	2½	12	.01	Tr																
	191	5½	71	.02	.34				191	5½	.05	.27									
	196	5	34	.01	.48				196	5	.03	.19									
	199	3	10	.01	.02																
	204	5	32	.02	.61				204	8	.03	.19									
	208	4	38	Tr	.05				208	4	.02	.19			S						
	211	3	63	Tr	Tr																
X	215	4	40	.17	.46				215	7	.05	.24									
	221	6	50	.02	.09				221	6	.05	.19									
	224	3	100	.03	Tr																
	229	5	70	.04	.95				229	8	.03	.28									
X	233	4	55	.18	.33			X	233	4	.19	.59			D?						
	236	3	90	Tr	Tr				236	3	.07	.27									
	241	5	92	Tr	Tr				241	5	.05	.19									
	243	2	100	Tr	.03																
	245	2	100	.05	.03				245	4	.04	.15			S						
															D						
															Br						
	250	5	82	Tr	Tr				250	5	.06	.12									
	253	3	100	Tr	Tr																
	257	4	100	Tr	Tr				256	6	.04	.09									
	261	4	80	.06	Tr				261	5	.11	.09									
	265	4	35	.04	Tr				265	4	.08	.17									
	271	6	100	.10	.17				271	6	.14	.24			D?						
	275	4	88	Tr	Tr				275	4	.03	.04									
	280	5	84						280	5	.03	.07									
	285	5	64						285	5	.05	Tr									
	289	4	75																		
	291	2	65						291	6	.03	.08			D						
	296	5	60						296	5	.01	Tr									
	299	3	43																		
	301	2	35						301	5	.02	Tr									

CALERA MINING CO. Log of DDH S-36 Sheet 3 of 3

BLACKBIRD MINE COORDINATES 18,548 N BEARING S 58½ W

3,407 E

ELEVATION 7,926 INCLINATION -59°

CORE								SLUDGE						COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	301								301												
	304	3	27																		
	307	3	77						307	6	.03	Tr									
	308½	1½	53																		
	315	6½	82						315	8	.01	Tr									
	320	5	62						320	5	.01	Tr									
	329	9	39						329	9	Tr	Tr									
	333	4	38						333	4	.04	Tr									
	338	5	32						338	5	.02	.01									
	341½	3½	14						341½	3½	.01	Tr			Br						
	345	3½	74						345	3½	.02	.04									
	348	3	100						348	3	.03	.05									
	353	5	62						353	5	.01	Tr			F						
	360	7	96						360	7	.01	Tr									
	364	4	50						364	4	.02	.03									
	367	3	60																		
	370	3	33						370	6	.02	.03									
	375	5	48						375	5	.01	.03			F						
	380	5	72						380	5	.03	.04									
	385	5	88						385	5	.02	.06									
	391	6	67						391	6	.02	.04									
	400	9	74						400	9	.02	.01									

CALERA MINING CO. Log of DDH S-37 Sheet 1 of 3

BLACKBIRD MINE COORDINATES 18,603½ N BEARING S 58½ W.

3,492½ E

ELEVATION 7,922 INCLINATION -59°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO₂	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO₂	% CO	GP. CLASS	GP. ASSAY
	3	3	27						6½													
	6½	2½	20																			
	10	3½	6						10	3½	.01	.09										
	14½	4½	42						14½	4½	Tr	.05										
	19½	5	54						19½	5	Tr	.08			D?							
	24½	5	52						24½	5	Tr	Tr										
	29½	5	32						29½	5	Tr	Tr										
	34	4½	73						34	4½	Tr	Tr			F							
	38	4	48						38	4	Tr	Tr										
	41	3	47						46	8	.01	Tr										
	46	5	68						50	4	.01	Tr										
	49	3	100						54½	4½	.01	Tr			F							
	53½	4½	78						60	5½	.02	Tr			F							
	60	6½	66						65	5	.01	Tr										
	65	5	40						70	5	.01	.02										
	70	5	54						75	5	Tr	Tr										
	75	5	32						80	5	Tr	Tr										
	80	5	52						85	5	.02	.03			D?							
	85	5	70						92	7	.01	Tr										
	92	7	46						96	4	.02	.01			Br							
	96	4	90						100	4	.02	.03										
	100	4	75						106	6	.01	Tr										
	106	6	98						111	5	.06	.30										
	111	5	90						115	4	.03	.05										
	115	4	100						121	6	.03	.03										
	116½	1½	87						125	4	.02	.03			D?							
	121	4½	93						130	5	.02	.02										
	124	3	77						135	5	.01	.02										
	125½	1½	73						142	7	.26	.12										
	128	2½	96																			
	130	2	70																			
	135	5	92	Tr	Tr																	
	137	2	85	Tr	Tr																	
	142	5	84	4.80	1.45																	

CALERA MINING CO. Log of DDH S-37 Sheet 2 of 3

BLACKBIRD MINE COORDINATES 18,603½ N BEARING S 58½ W

3,492½ E

ELEVATION 7,922 INCLINATION -59°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	149	7	100	Tr	Tr				149	7	.15	.08			D								
	155	6	97	Tr	.02				155	6	.14	.08											
	158½	3½	69	Tr	Tr																		
	161½	3	53	.02	Tr				161½	6½	.08	.03			D								
	164½	3	43	Tr	Tr																		
	167	2½	88	.01	.07				167	5½	.07	.03			Br								
	172	5	100	Tr	Tr				172	5	.03	.03											
	176	4	100	.02	Tr				176	4	.08	.12?											
									181	5	.03	Tr											
	185	9	91						186	5	.03	.07											
	189½	4½	73																				
	192	2½	52						191	5	.06	.24											
	200	8	49						200	9	.03	.01											
	202	2	100																				
	204	2	90						204	4	.05	.02											
	209	5	78						209	5	.02	.02											
	213½	4½	60																				
	216	2½	76						216	7	.05	.09											
	223	7	49						223	7	.02	.05											
	228	5	100						228	5	.01	.16			Br / D								
	234	6	77						234	6	.05	.38											
	240	6	52						240	6	.02	.24											
	243	3	100																				
	246	3	83						246	6	.02	.09											
	252	6	100						250	4	.02	.11			Br								
	256	4	65						256	6	.03	.18											
	260	4	35						260	4	.02	.08											
	262	2	70																				
	265	3	53						264	4	.03	.05											
	271	6	12	Tr	Tr				271	7	.01	.03											
	274	3	23	.02	.09																		
	278	4	0	—	—			X	278	7	.22	.98											
	281½	3½	3	—	—																		
	284	2½	76	.07	.10			X	284	6	.20	.88											
	287	3	13	Tr	Tr																		
	290	3	0	—	—				290	6	.09	.47											
	295	5	14	.01	Tr				295	5	.02	.12											

CALERA MINING CO. Log of DDH S-37 Sheet 3 of 3

BLACKBIRD MINE COORDINATES 18,603½N BEARING S 58½ W

3,492½E

ELEVATION 7,922 INCLINATION -59°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	300	5	32	Tr	.02				300	5	.09	.37										
	303	3	27	.04	.11				303	3	.11	.46										
	306	3	17	.03	.13				306	3	.16	.51										
X	310	4	20	.09	1.42				310	4	.25	.53										
	313	3	0	—	—				313	3	.36	.98										
	318	5	2	—	—				318	5	.56	.27										
	322½	4½	16	.49	.07			X	322½	4½	.29	.10										
	326	3½	51	.08	.19				326	3½	.28	.72										
	330	4	38	.07	.03				330	4	.08	.08										
	333	3	37	.72	.08				333	3	.11	.04										
	337	4	50	Tr	Tr				337	4	.04	Tr			G.Sch							
	341	4	63	.01	Tr				341	4	.06	.02			B.Sch							
															~~D?~~							
	346½	5½	98	.06	Tr				346½	5½	.12	Tr			Br							
	350	3½	43	.01	Tr				350	3½	.05	Tr			Br							
X	354	4	38	.32	Tr			X	354	4	.26	.02										
	357	3	67	.13	.13																	
	360	3	100	.02	Tr				360	6	.13	.07			B.Sch							
															G.Sch							
	363	3	83	Tr	Tr				363	3	.13	.06										
	366½	3½	57	.02	Tr										~~Br~~							
	373	6½	60	.04	Tr				373	10	.14	.36										
	380	7	46	.03	.13				380	7	.10	.13			G.Sch							
	386	6	57	Tr	Tr			X	386	6	.15	.31			B.Sch							
															Br							
X	390	4	60	.23	.24				390	4	.14	.31										
	395	5	26	Tr	Tr				395	5	.04	.08										
									400	5	.05	.06										
	405	10	58	Tr	Tr				405	5	.02	Tr										

CALERA MINING CO. Log of DDH 5-38 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 18,764½ N BEARING S 59 W

3,197 E

ELEVATION 7983½ INCLINATION -43½°

CORE							SLUDGE						COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	4	4	35																		
	9	5	6						14	5	Tr	.04									
	14	5	18																		
	17½	3½	20						17½	3½	.02	.10									
	23	5½	35						23	5½	Tr	.03									
	28	5	28						28	5	.02	.24									
	33	5	30						33	5	.03	.13									
	37	4	40						37	4	Tr	.18									
	40	3	70																		
	45	5	30						45	8	.02	.08									
	50	5	20						50	5	.03	.05									
	54	4	—						54	4	Tr	.07									
	56	2	100																		
	58	2	85						58	4	.01	Tr									
	60	2	100																		
	64	4	43						64	6	.01	.13									
	66½	2½	88																		
	69	2½	100						69	5	.02	.02									
	72½	3½	40																		
	75	2½	80						75	6	.01	.01									
	79	4	53						79	4	Tr	.07									
	82	3	33						82	3	.01	.06									
	87	5	40						87	5	.02	.07									
	92	5	90						92	5	.04	.18									
	93	1	100																		
	98	5	100						98	6	.03	Tr									
	102½	4½	84						102½	4½	.01	.04									
	107½	5	100						107½	5	.01	Tr									
	112	4½	93						112	4½	Tr	Tr									
	117	5	35						117	5	.03	Tr									
	122	5	72						122	5	.01	Tr									
	127	5	50						127	5	.01	Tr									
	132	5	56						132	5	Tr	Tr									
	137	5	100						137	5	Tr	Tr									
	142	5	58						142	5	Tr	Tr									

CALERA MINING CO. Log of DDH S-38 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 18,764½N BEARING S 69 W.

3,197 E

ELEVATION 7,983½ INCLINATION -43½°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	142								142													
	144½	2½	84																			
	149	4½	89						149	7	.01	Tr										
	152	3	73																			
	155	3	80						155	6	Tr	Tr										
	158	3	97																			
	162	4	68						162	7	.01	.29										
	165	3	67																			
	169	4	73						169	7	Tr	.05			Br							
	173½	4½	40	.02	.27				173½	4½	.01	.09										
	177½	4	58	Tr	.70				177½	4	.02	.52										
	181	3½	46	.01	.10				181	3½	Tr	.28										
	186	5	94	.88	.20			X	186	5	.21	.18										
X	190	4	58	.27	.12				190	4	.10	.14										
X	194½	4½	62	.18	.50			X	194½	4½	.24	.47			Br							
	199	4½	53	.02	Tr				199	4½	.05	.17										
	204	5	46						204	5	.01	.05										
	209	5	58						209	5	.03	.08										
	214	5	100						214	5	.04	.13										
	219	5	28						219	5	Tr	.05										
	223½	4½	51						223	4	Tr	.01										
	226	2½	80																			
	231	5	86						231	8	Tr	.13										
	236	5	100						236	5	.05	.15			D?							

CALERA MINING CO. Log of DDH S-39 Sheet 1 of 4

BLACKBIRD MINE COORDINATES 18,852 N BEARING S-67 W.

3,390 E

ELEVATION 7,961½ INCLINATION -44½°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	5	5	16												G Sch						
	9	4	13						9	4	Tr	Tr									
	14	5	54						14	5	Tr	Tr									
	18	4	53						18	4	.01	Tr									
	21	3	97						21	3	Tr	Tr			D						
	25	4	35						25	4	Tr	Tr			D						
	28	3	17						28	3	.01	.01									
	30	2	80																		
	34	4	73						34	6	Tr	Tr									
	37	3	70												F						
	39	2	100						39	5	.05	Tr									
	42½	3½	26																		
	45	2½	76						45	6	Tr	Tr									
															D						
	50	5	54						50	5	.01	Tr			D						
	54	4	55						54	4	.01	Tr									
	59	5	30						59	5	Tr	Tr									
	62½	3½	54						62½	3½	Tr	Tr									
	66	3½	49						66	3½	Tr	.01									
	69	3	60																		
	74	5	100						74	8	Tr	Tr									
	77½	3½	74						77½	3½	Tr	Tr									
	83	5½	89						83	5½	Tr	Tr			Br						
	86	3	77						86	3	Tr	Tr									
	89	3	97												D						
	92	3	50						92	6	.01	Tr									
	95½	3½	100																		
	99	3½	100						99	7	Tr	Tr			G						
	101	2	60																		
	104	3	97						104	5	Tr	Tr									
	109	5	36						109	5	.01	Tr									
	114	5	88						114	5	Tr	Tr			Br						
	117	3	97																		
	122	5	98						122	8	Tr	Tr									
	126	4	55	Tr	Tr				126	4	Tr	Tr									
	129	3	47	.01	Tr				129	3	.14	.33									
	132	3	60	.04	.70				132	3	.11	2.28									

CALERA MINING CO. Log of DDH S-39 Sheet 2 of 4

BLACKBIRD MINE COORDINATES 18,852 N BEARING S-67 W.

3,390 E

ELEVATION 7,961½ INCLINATION -44½°

CORE							SLUDGE							COMBINED						
CLASS	DEPTH 132	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH 132	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP ASSAY
	137	5	86						137	5	.02	.28			F						
	140	3	100																		
	144	4	95						144	7	.01	.14									
	149	5	68												D						
	152	3	77						152	8	Tr	.05			FD						
	155	3	83						155	3	.01	.12									
	158	3	93						158	3	.02	.04									
	162	4	68						162	4	.01	.05									
	165	3	43						165	3	.01	.07									
	168	3	40						168	3	Tr	.08									
	173	5	56						173	5	.03	.13									
	178	5	100						178	5	.02	.16									
	183	5	66						183	5	Tr	.12									
	187	4	100						187	4	Tr	.12									
	193	6	68						193	6	.01	.19									
	196	3	97																		
	199	3	93						199	6	Tr	.19									
	202½	3½	66						202½	3½	Tr	.18									
	207½	5	88						207½	5	.03	.22			D						
	212	4½	100						212	4½	.01	.18									
	214	2	100						214	2	.02	.17									
	217	3	73	Tr	Tr				217	3	.02	.18									
	220	3	53	Tr	.01				220	3	.01	.08									
	226	6	77	.21	.59				226	6	.03	.28									
	231	5	36	Tr	Tr				231	5	.01	.13									
	232	1	100	.09	2.64				232	1	.02	.55									
	235	3	33	.07	2.18				235	3	Tr	.52									
	239	4	58	.01	.23				239	4	.02	.27									
	243	4	38	Tr	.30				243	4	.05	.46									
	246	3	73	.01	1.41				246	3	.03	.50			D						

CALERA MINING CO. Log of DDH S-39 Sheet 3 of 4

BLACKBIRD MINE COORDINATES 18,852 N BEARING S-67 W

3,390 E

ELEVATION 7,961½ INCLINATION -44½

CORE							SLUDGE						COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	246								246												
	250	4	23	.09	.72				250	4	.07	.26									
	254	4	8	Tr	.27				254	4	.10	.24									
	258	4	75	Tr	.14				258	4	.02	.11			Br						
	264	6	85						264	6	.02	.09									
	269	5	30						269	5	.03	.10									
	274	5	22						274	5	.01	.28									
	279	5	14						279	5	Tr	Tr									
	284	5	26						284	5	Tr	Tr									
	289	5	42						289	5	.01	.01									
	294	5	34						294	5	Tr	Tr									
	297½	3½	23						297½	3½	Tr	Tr									
	302½	5	36						302½	5	Tr	Tr			D						
									306	3½	Tr	Tr									
	309	6½	37	Tr	Tr				309	3	.01	Tr									
	312½	3½	57	Tr	.03				312½	3½	.02	Tr									
	317	4½	92	Tr	Tr				317	4½	.02	.03									
	319	2	30	.02	1.51																
	322	3	30	.01	1.19				322	5	.04	.22									
	325	3	63	.69	3.17																
	329	4	85	.28	1.33				329	7	.49	2.87									
	334	5	72	.02	.03				334	5	.13	.68									
									337	3	.10	.54									
	340	6	32	.01	.20				340	3	.05	.24			D						
	343	3	63	.02	.24				343	3	.11	.82									
	348	5	44	Tr	Tr				348	5	.04	.09									
	351	3	67	Tr	Tr				351	3	.05	.12									
	356	5	46	Tr	.06				356	5	.01	.06									
	361	5	66	Tr	Tr				361	5	.01	.07									
	366½	5½	91	Tr	Tr				366½	5½	.03	.07									

CALERA MINING CO. Log of DDH S-39

BLACKBIRD MINE COORDINATES 18,852 N BEARING S-67 W

3,390 E

ELEVATION 7,961½ INCLINATION -44½

CORE								SLUDGE						COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	370½	4	98	Tr	Tr				370½	4	.10	.05									
	377½	7	80	Tr	Tr				377½	7	.04	.07									
	383	5½	87	.01	.01				383	5½	.07	.14									
	388	5	94	Tr	Tr				388	5	.09	.21									
	390	2	100	.02	.02				390	2	.05	.11			D						
	397	7	96						397	7	.03	.05									
	401	4	63						401	4	.05	.04									

CALERA MINING CO.
BLACKBIRD MINE

Log of DDH 5-40

Sheet 1 of 4

COORDINATES 19,060½ N
3,161½ E

BEARING S-55 W.

ELEVATION 8,009½

INCLINATION -58½°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	6½	4½	18																				
	9	2½	64																				
	13	4	95																				
	17	4	65																				
	23	6	78																				
	28	5	66																				
	33	5	66																				
	38	5	90																				
	43	5	74					D															
	48	5	80																				
	53	5	60					F															
	58	5	92					F															
	60	2	95					F															

CALERA MINING CO. Log of DDH S-40 Sheet 2 of 4

BLACKBIRD MINE COORDINATES 19,060½ N BEARING S-55 W

3,161½ E

ELEVATION 8,009½ INCLINATION -58½°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH 60	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH 60	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	64½	4½	67						64½	4½	.01	Tr			D?								
	69½	5	58						69½	5	.01	Tr											
	72½	3	73						72½	3	Tr	Tr											
	75½	3	63												D?								
	80	4½	91						80	7½	.05	Tr											
	82	2	65						82	2	.07	Tr											
	85½	3½	77						85½	3½	.01	Tr											
	90½	5	98						90½	5	.01	Tr											
	95½	5	100						95½	5	Tr	Tr											
	99½	4	90						99½	4	Tr	Tr											
	103	3½	74						103	3½	.02	Tr											
	104	1	100																				
	109	5	62						109	6	Tr	Tr											
	111	2	100												D								
	115	4	58						113	4	Tr	Tr											
	119	4	68						119	6	Tr	Tr											
	124	5	58						124	5	Tr	Tr			F								
	128	4	65						128	4	Tr	Tr											
	132	4	85						132	4	Tr	Tr											
	135	3	80						135	3	Tr	.04											
	140	5	50						140	5	Tr	.01											
	145	5	66						145	5	Tr	Tr											
	149	4	98																				
	151	2	40						151	6	Tr	Tr			S								
	154	3	0																				
	157	3	27						157	6	Tr	Tr											
	162	5	32						162	5	Tr	.02			Br								
	163	1	30																				
	165	2	80																				
	167	2	80						167	5	Tr	Tr											
	170½	3½	49																				
	173	2½	84						173	6	Tr	.05											
	176½	3½	77						176½	3½	Tr	.07											
	180½	4	65						180½	4	.01	.02											
	185½	5	58						185½	5	.01	Tr											

CALERA MINING CO. Log of DDH 5-40

BLACKBIRD MINE COORDINATES 19,060½ N BEARING S-55W

3,161½ E

ELEVATION 8,009½ INCLINATION -58½°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
	188	2½	44						185½													
	193	5	80						193	7½	.01	Tr										
	198	5	66						198	5	Tr	Tr			D							
	200	2	95																			
	203	3	97						203	5	.01	.02										
	206½	3½	97																			
	208½	2	75						208½	5½	Tr	.07										
	213	4½	98						213	4½	.05	.17										
	218	5	94						218	5	.04	.03										
	223	5	98						223	5	Tr	.09										
	228	5	40						228	5	Tr	.07										
	230	2	20																			
	234	4	48						234	6	Tr	.07										
	237	3	47																			
	240	3	50						240	6	Tr	.07										
	244	4	35						244	4	.01	.10										
	246	2	70						246	2	Tr	.02										
	249	3	73																			
	251	2	85						251	5	Tr	.09										
	253	2	100																			
	255	2	80						255	4	.01	Tr										
	260	5	36						260	5	.02	.17										
	263	2½	28																			
	264½	2	55						264½	4½	Tr	.05										
	267	2½	84												F?							
	271	4	25						271	6½	Tr	.24										
	273	2	10																			
	276	3	20						276	5	.01	.26										
	280	4	48						280	4	Tr	.07										
	284	4	45						284	4	Tr	.12										
	286	2	40																			
	289½	3½	11						289½	5½	.01	.27										
															F							
	293½	4	30						293½	4	.01	.10										
	295½	2	55																			
	299½	4	45						299½	6	Tr	.15										
	305	5½	29						305	5½	Tr	.04										
	310	5	84						310	5	Tr	.02			Br							
	314	4	53						314	4	Tr	Tr			G							
	316	2	100																			
	318	2	90						318	4	Tr	Tr										

CALERA MINING CO. Log of DDH S-40 Sheet 4 of 4

BLACKBIRD MINE COORDINATES 19,060½ N BEARING S-55-W

3,161½ E

ELEVATION 8,009½ INCLINATION -58½°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	318								318													
	322	4	100						322	4	.01	.02			D							
	325	3	93												D							
	329	4	93						329	7	Tr	Tr			Br							
	334	5	100						334	5	.02	.03			Br							
	339	5	100						339	5	.01	Tr			F							
	344	5	100						344	5	Tr	Tr										
	349	5	100						349	5	Tr	Tr										
	354	5	100						354	5	Tr	.01										
	359	5	98	Tr	Tr				359	5	Tr	.03			Br							
	364	5	96	Tr	Tr			X	364	5	.30	.14			Br							
	369	5	100	Tr	Tr				369	5	Tr	.06										
	374	5	92	Tr	.01				374	5	.03	.06										
	379	5	90	Tr	Tr				379	5	.16	.04										
	384	5	60	.01	.04				384	5	.05	.10										
	389	5	58						389	5	Tr	Tr			F							
	395	6	77						395	6	Tr	Tr										
	400½	5½	100						400	5	.01	.03										
	403	2½	84																			
	408	5	100						408	8	Tr	.03										
	413	5	72						413	5	Tr	.01										
	418	5	100						418	5	Tr	Tr										
	422	4	83						422	4	Tr	Tr										
	427	5	88						427	5	.07	Tr										
	430	3	80						430	3	.06	.15										

CALERA MINING CO. Log of DDH 5-41

BLACKBIRD MINE COORDINATES 19,408½ N BEARING S58½ W.
3,168 E.

ELEVATION 8,008 INCLINATION -43½°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	13	8	11												G.Sch								
	18	5	6						18	–	–	–											
	23	5	18						23	5	.01	.23											
	28	5	44						28	5	Tr	.02											
	33	5	22						33	5	"	.01											
	38	5	48						38	5	"	Tr											
	40	2	0																				
	42	2	30						42	4	"	"											
	47	5	18						47	5	"	"											
	50	3	23						50	3	"	"											
	53	3	73																				
	56	3	90						56	6	.02	"											
	60	4	40						60	4	Tr	"			F								
	63	3	87												D								
	68	4	68						67	7	"	"			Br								
	71	4	100						71	4	.01	.02											
	76	5	36						76	5	Tr	.07											
	80	4	50						80	4	.02	.10											
	85	5	60						85	5	.02	.11											
	90	5	18						90	5	.01	.12											
	95	5	74						95	5	.01	.04											
	100	5	64						99	4	Tr	.03											
	103½	3½	71						103½	4½	"	.03											
	105	1½	100																				
	109½	4½	42						109½	6	"	.07											
	113	3½	66						113	3½	"	.14											
	117	4	28						117	4	.01	.31											
	121	4	43						121	4	.01	.13			F								
	125	4	70						125	4	.01	.14											
	129½	4½	84						129½	4½	.01	.05											
	133	3½	89						133	3½	Tr	.09											
	138	5	80						138	5	Tr	.14			D								
															F								

CALERA MINING CO. Log of DDH S-41

BLACKBIRD MINE COORDINATES 19,408½ N BEARING S 58½ W

3,168 E

ELEVATION 8,008 INCLINATION -43½°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	138																				
	143	5	100						143	5	.01	.22									
X	148	5	98	Tr	1.30				148	5	.02	.40									
	151½	3½	94	.01	.46				151½	3½	Tr	1.00									
															D						
	156½	5	100	Tr	.32				156½	5	.01	.50									
	162	5½	94	Tr	.58				162	5½	.01	.55									
	167	5	60	Tr	.25				167	5	.02	.51									
	172	5	28						172	5	Tr	.11									
	175	3	23						175	3	Tr	.07									
	180	5	32						180	5	Tr	.04									
	185	5	38						185	5	Tr	.07									
	190	5	50						190	5	.04	.02			D						
	195	5	90						195	5	Tr	.04									
	200	5	48						200	5	Tr	.01									
	205	5	76						205	5	Tr	.01									
	207	2	90																		
	210	3	100						210	5	Tr	Tr									
	214	4	60						214	4	Tr	.03									
	218	4	45						218	4	Tr	.03									
	220	2	45																		
	222	2	80						222	4	Tr	.03									
	226	4	70						226	4	Tr	.11									
	230	4	68						230	4	.01	.05									
	233	3	10						233	3	.01	.03									
	238	5	62						237	4	Tr	.02									
	242	4	38						242	5	Tr	.03									
	245½	3½	51																		
	248	2½	60						248	5	Tr	Tr									
	251	3	43																		
	256	5	38						256	8	Tr	Tr			Br						
	259½	3½	9						259½	3½	Tr	Tr									
	264	9½	47						264	4½	Tr	.03									

CALERA MINING CO. Log of DDH S-41 Sheet 3 of 4

BLACKBIRD MINE COORDINATES 19,408½ N BEARING S 58½ W

3,168 E

ELEVATION 8,008 INCLINATION -43½°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP ASSAY
	264								264													
	266	2	25																			
	270	4	43						270	6	Tr	Tr										
	271½	1½	13																			
	274	2½	32						274	4	Tr	Tr										
	278	4	78						278	4	.01	Tr			E							
	279½	1½	47																			
	283	3½	34						283	5	Tr	Tr										
	287	4	90						287	4	Tr	Tr										
	289	2	45																			
	294	5	66						291	4	.01	Tr										
	296½	2½	40						296½	5½	Tr	Tr										
	300	3½	43						300	3½	Tr	Tr										
	305	5	16						305	5	.01	Tr										
	308	3	70						308	3	Tr	.02										
	310	2	20																			
	313	3	43						313	5	.01	.07										
	315	2	0																			
	318	3	37						318	5	Tr	Tr			Br							
	320	2	75						320	2	Tr	.02										
	321	1	50																			
	324	3	50						324	4	Tr	.02										
	329	5	96						329	5	Tr	Tr										
	334	5	88						334	5	.01	Tr										
	344	10	98	Tr	.03				No record													
	351½	7½	100	Tr	Tr																	
	357½	6	81	Tr	Tr																	
	364½	7	94	Tr	.03																	
	370	5½	15	Tr	.15																	
	375	5	58	Tr	.08																	
	378	3	80	Tr	.29																	
X	380	2	60	Tr	1.11																	
X	385	5	50	Tr	1.28										Br							
	390	5	96	Tr	.09																	
	395	5	40	Tr	Tr																	

CALERA MINING CO. Log of DDH 5-41 Sheet 4 of 4

BLACKBIRD MINE COORDINATES 19,408½ N BEARING S 58½° W.

3,168 E

ELEVATION 8,008 INCLINATION -43½°

CORE								SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP ASSAY
	395																				
	400	5	10	Tr	Tr.					No sludge returns.											
	404	4	45	Tr	.10																
	409	5	28	.02	.92										D						
	415	6	42	Tr	.16										F						
	420	5	24	Tr	Tr																
	425	5	38	Tr	Tr																
	430	5	30	Tr	Tr										Br						

CALERA MINING CO. Log of DDH S-42 Sheet 1 of 4

BLACKBIRD MINE COORDINATES 18,435 N BEARING S-58 W.

2,763½ E

ELEVATION 7896½ INCLINATION -45½

CORE							SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	15	16	3						15												
	18	3	13						18	3	.04	Tr									
	23	5	16						23	5	.05	Tr									
	24	1	0						24	1	.01	Tr									
	28	4	8						28	4	.01	Tr									
	31	3	10												Br						
	35	4	0						35	7	Tr	.03									
	38	3	20						38	3	Tr	.03			F						
	43	5	48						43	5	Tr	.01									
	48	5	38						48	5	Tr	Tr									
	53	5	50						53	5	Tr	.12									
	58	5	32						58	5	Tr	.05									
	62	4	48						62	4	Tr	.03									
	64	2	65																		
	66	2	30						66	4	Tr	Tr									
	70	4	65						70	4	.02	.21									
	72½	2½	56																		
	75	2½	60						75	5	Tr	.05									
	77½	2½	44																		
	83	5½	40						83	8	Tr	Tr									
	88	5	40						88	5	Tr	.05									
	91	3	90																		
	96	5	86						96	8	—	—									
	101	5	36						101	5	Tr	Tr			Br						
	104½	3½	14																		
	107	2½	40						107	6	Tr	.02									
	108½	1½	67																		
	113	4½	64						113	6	.01	.09									
	118	5	32						118	5	.03	.14									
	122	4	43						122	4	.01	.02			F						
	127	5	38						127	5	Tr	Tr									
	129½	2½	56																		
	133	3½	49						133	5	.01	.02									
	138	5	56						138	5	Tr	Tr			S S						
	141	3	70																		
	146	5	72						146	8	Tr	Tr			S D F						
	150	4	75						150	4	.03	Tr			Br						

CALERA MINING CO. Log of DDH S-42 Sheet 2 of 4

BLACKBIRD MINE COORDINATES 18,435 N BEARING S-58 W

2,763½ E

ELEVATION 7896½ INCLINATION -45½°

CORE							SLUDGE							COMBINED						
CLASS	DEPTH 150	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH 150	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	154½	4½	31						154½	4½	Tr	Tr			F						
	159½	5	48						159½	5	Tr	Tr									
	163	3½	49						163	3½	Tr	.07									
	168	5	46						168	5	Tr	.03									
	172½	4½	56						172½	4½	Tr	Tr									
	179	2½	80						179	6½	Tr	Tr									
	183	4	63						183	4	.01	.51			F						
	185½	2½	100																		
	190	4½	56						190	7	Tr	.08									
	193½	3½	14	.02	.03				193½	3½	.04	.27			F						
	197	3½	14	.05	.07																
	200	3	20	.05	.03				200	6½	.11	.16			D						
															D						
	204	4	80	.02	.13				204	4	.07	.20									
	208	4	75						208	4	.05	.21									
	212	4	50						212	4	.02	.08									
	214	2	60												Dr						
	216	2	75						216	4	.01	.07									
	219	3	77																		
	23	4	23						223	7	.09	.37									
	225½	2½	52												D						
	229½	4	93						229½	6½	.02	.23									
	232	2½	90																		
	234	2	50						234	4½	Tr	.05									
	238	4	30						238	4	Tr	Tr									
	241	3	73												D						
															D						
	246	5	80						246	8	.01	.14			D						
	249½	3½	94																		
	252½	3	93						252½	6½	Tr	.07									
	256	3½	31						256	3½	.01	.04									
	258½	2½	32																		
	261½	3	23						261½	5½	Tr	.01									
	268	6½	32						268	5½	Tr	Tr									
	272½	4½	78						272½	4½	.03	.05									
	276½	4	50						276½	4	Tr	Tr									
	283	6½	82						283	6½	.01	.14			D						
	292	9	40	Tr	Tr				292	9	.02	.53									

CALERA MINING CO. Log of DDH 5-92 Sheet 3 of 4

BLACKBIRD MINE COORDINATES 18,435 N BEARING S-58 W

2,763 E

ELEVATION 7896 ½ INCLINATION -45½°

CORE

CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY
	298	6	42	.01	.03		
X	302	4	20	.27	.14		
	305	3	27	.02	.40		
	309	4	45	.07	.03		
	313	4	68	.05	.08		
	315½	2½	72	.05	.51		
	320	4½	24	Tr	Tr		
	325	5	38	Tr	.14		
X	329	4	70	.20	.18		
	330	1	100	.61	Tr		
	335	5	90	.09	.17		
	340	5	92	.25	1.03		
	343	3	90	.03	Tr		
	348	5	90	.13	.12		
	354	6	97	.02	.13		
	358½	4½	100	Tr	Tr		
	362½	4	100	.07	.29		
	369	6½	100	.06	.03		
	373½	4½	100	.06	.18		
	379	5½	100	.14	.16		
	383	4	55	.77	.69		0.64 Co
	390	7	87	.56	.27		0.42 Cu
	395½	5½	100	.02	.02		
	400½	5	52	.08	.03		
	403½	3	53	.39	.50		
	409	5½	73	.01	.04		
	416	7	70	.04	.08		
	421	5	74	.04	.40		
	427	6	63	Tr	Tr		
	431	4	90	Tr	.02		
	436	5	100	.02	.12		

SLUDGE

CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY
	292					
X	298	6	.12	.75		
	302	4	.16	7.48		0.14 Co
	309	7	.13	5.54		6.25 Cu
	313	4	.04	.63		
	320	7	.08	.41		
	325	5	.03	.41		
	329	4	.06	.18		
X	335	6	.19	.22		
	343	8	.36	.46		
	348	5	.57	.77		
	354	6	.54	.48		
X	358½	4½	.33	.20		
X	362½	4	.33	.23		
X	369	6½	.35	.14		
	373½	4½	.40	.18		
X	379	5½	.36	.18		
	383	4	.46	.51		
	390	7	.59	.30		
	395½	5½	—	—		
X	400½	5	.31	.18		
	403½	3	.41	.19		
	409	5½	.33	.43		
X	416	7	.15	.31		
X	421	5	.13	.60		
	427	6	.06	.13		
	431	4	.10	.13		
	436	5	.12	.36		

COMBINED

CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	379					
	383	4	0.521	0.546		0.56 Co
	390	7	0.581	0.291		0.356 Cu

CALERA MINING CO. Log of DDH S-42 Sheet 4 of 4

BLACKBIRD MINE COORDINATES 18,435N BEARING S-58W

2,763E

ELEVATION 7,896½ INCLINATION -45½°

CORE

CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY
	436						
	441	5	100	.06	.04		
	448	7	100	.05	.14		
	451	3	80	.04	.19		
	458	7	40	Tr	.09		
	465	7	31	.06	.31		
	473	8	33	.54	.13		
X	478	5	26	.35	.23		
	481	4	14	1.65	2.01		•
	486½	5½	24	.56	.41		0.819 Co.
	490	3½	63	1.64	1.05		0.972 Cu
	494	4	48	.06	.12		
	498	4	53	.78	.92		
	506	8	81	1.42	2.41		
	511	5	32	.78	1.20		
	515	4	30	.35	.39		
	520	5	36	.08	.14		
	524	4	28	.06	.44		
	530	6	38	.11	.36		

SLUDGE

CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY
	436					
	441	5	.11	.37		
	448	7	.11	.34		
	451	3	.11	.36		
	458	7	.05	.64		
X	465	7	.10	.98		
	473	8	.31	.70		
	478	5	.33	.43		
	481	4	.33	.40		0.534 Co
	486½	5½	.52	.55		
	490	3½	.55	.61		0.902 Cu
X	494	4	.29	.46		
	498	4	.51	1.08		
	506	8	1.26	2.27		
	511	5	.32	.71		
X	515	4	.21	.51		
	520	5	.14	.28		
	524	4	.13	.31		
X	530	6	.20	.47		

D

D?

D

COMBINED

CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	465					
	473	8	.337	.633		
	478	5	.332	.411		
	481	4	.397	.481		0.608 Co
	486½	5½	.523	.538		
	490	3½	.797	.705		0.909 Cu
X	494	4	.25	.401		
	498	4	.562	1.049		
	506	8	1.307	2.311		
	511	5	.359	.794		
X	515	4	.225	.497		

CALERA MINING CO. Log of DDH 5-43 Sheet 1 of 3

BLACKBIRD MINE COORDINATES 19,093½ N BEARING S-60W

4,057 E

ELEVATION 7867½ INCLINATION -44½°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
									20	20	—	—									
	24	24	4						24	4	Tr	Tr									
	29	5	18						29	5	"	"									
	34	5	20						34	5	"	"									
	38	4	63						38	4	"	.01									
	43	5	30						43	5	"	Tr									
	47	4	38						47	4	"	"									
	50	3	37																		
	52	2	10						52	5	"	"									
															D						
	57	5	38						57	5	"	"									
															F?						
	62	5	18						62	5	"	"									
	67	5	36						67	5	.02	"									
	72	5	32						72	5	Tr	"									
	75½	3½	60																		
	78	2½	100						78	6	"	"									
	82	4	63						82	4	"	"									
	88	6	67						88	6	"	"									
	92	4	58						92	4	"	"									
	96	4	48						96	4	"	"									
	101	5	70						101	5	"	.01									
	104	3	40						104	3	"	Tr									
															F						
	109	5	28						109	5	"	"									
	114	5	42						114	5	"	"									
	121	7	66						121	7	"	"									
	127	6	72						127	6	"	"									
	130	3	53																		
	134	4	58						134	7	"	"									
	138	4	63						138	4	"	"									
	141½	3½	54																		
									144½	6½	"	"									
	146½	5	60						146½	2	"	.17									

CALERA MINING CO. Log of DDH S-43

BLACKBIRD MINE COORDINATES 19,093½ N BEARING S-60 W

4,057 E

ELEVATION 7867½ INCLINATION -44½

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP CLASS	GP. ASSAY
	146½								146½												
	151	4½	49						151	4½	Tr	Tr									
	154½	3½	26						154½	3½	Tr	Tr									
	159	4½	36						159	4½	Tr	Tr									
	164	5	62						164	5	Tr	.03									
	169	5	44						169	5	Tr	Tr			BSch / GSch						
	174	5	32						174	5	Tr	.01									
	179	5	74						179	5	Tr	Tr									
	184	5	88						184	5	Tr	Tr									
	189	5	92						189	5	Tr	Tr									
	194	5	88						194	5	Tr	Tr									
	198½	4½	58						198½	4½	Tr	Tr									
	203½	5	42						203½	5	Tr	Tr			Br						
	207½	4	70						207½	4	Tr	Tr			F						
	211	3½	83						211	3½	.01	Tr									
	215	4	98						215	4	Tr	.01									
	219½	4½	67						219½	4½	Tr	Tr									
	223½	4	85						223½	4	.02	.01									
	229	5½	91						229	5½	Tr	.05									
	231	2	65																		
	235½	4½	98						235½	6½	Tr	Tr			B						
	240½	5	88						240½	5	Tr	Tr									
	246	5½	55	Tr	Tr				246	5½	Tr	.05									
	251	5	68	Tr	.08			X	251	5	.34	.32									
	256	5	100	.03	Tr				256	5	.01	.16									
	261	5	92						261	5	Tr	Tr									
	266	5	60						266	5	Tr	.03									
	270	4	83						270	4	.01	.02									
	275	5	92						275	5	Tr	Tr									

CALERA MINING CO. Log of DDH 5-43 Sheet 3 of 3

BLACKBIRD MINE COORDINATES 19,093½ BEARING S-60 W

4,057 E

ELEVATION 7867½ INCLINATION -44½

CORE								SLUDGE								COMBINED							
CLASS	DEPTH 275	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH 275	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP ASSAY
	280	5	94						280	5	.02	.08									
	283½	3½	63						283½	3½	Tr	.04									
	289	5½	67						289	5½	Tr	Tr									
	298	9	100						294	5	.03	Tr									
									298	4	.06	.01									
									303	5	.01	Tr									
	308	10	86						308	5	.02	.02									
	318	10	78	Tr	Tr				318	10	.01	.02									
	323	5	46	Tr	Tr			X	323	5	.18	.20									
	329	6	50	Tr	.06				329	6	.16	.12									
X	334	5	50	.18	.37			X	334	5	.22	.49			D						
X	339	5	74	.29	.39			X	339	5	.29	.44									
	346	5	91	.02	.05				346	5	.12	.15									
	354	8	94	Tr	.15				354	8	.06	.14									
	359	5	52						359	5	.03	.11									
									364	5	.02	.07									
	369	10	99						369	5	.01	.03			F F						
									374	5	.05	Tr									
	379	10	94						379	5	.01	.07			F						
									384	5	.01	.02									
	388	9	100						388	4	Tr	Tr									
									393	5	.03	.17									
	397	9	98						397	4	.02	.03									
	404	7	91						404	7	.02	.03									

CALERA MINING CO. Log of DDH 5-44 Sheet 1 of 4

BLACKBIRD MINE COORDINATES 18,405 N BEARING S61½ W

3,688 E

ELEVATION 7,866½ INCLINATION -60°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO.	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
															G Sch							
	25	25	4						25	25	—	—										
	27	2	65																			
	31	4	13						32	7	Tr	Tr										
	37	6	18						37	5	"	"										
	42	5	0						42	5	"	"										
															D							
	45	3	40						45	3	"	"										
	48	3	10						47	2	"	"										
	50	2	45						50	3	"	"										
	53	3	87																			
	55	2	0						55	5	"	"										
	57	2	65																			
	62	5	12						62	7	"	"										
	68	6	30						68	6	"	"			S							
	72	4	28						72	4	"	"										
	77	5	18						77	5	"	"										
	81	4	53						81	4	"	"										
	86	5	40						86	5	.02	"										
	88½	2½	32						88½	2½	Tr	.01										
	91	2½	60						91	2½	"	"			D?							
	95	4	38						95	4	"	"			F							
	99	4	65						99	4	"	"			D							
	104	5	48						104	5	"	"			F							
	109	5	82						109	5	"	"										
	114	5	84						114	5	"	"										
	118	4	73						118	4	"	"										
	123	5	44						123	5	"	"										
	127	4	23						127	4	"	"										
	131½	4½	73						131½	4½	"	"										
	135	3½	66						135	3½	"	"										
	139½	4½	67						139½	4½	"	"										

CALERA MINING CO. Log of DDH S-44 Sheet 2 of 4

BLACKBIRD MINE COORDINATES 18,405 N BEARING S-61½ W

3,688 E

ELEVATION 7,866½ INCLINATION -60°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH 139½	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH 139½	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	145	5½	58						145	5½	Tr	Tr			F							
	150	5	38						150	5	"	"										
	153	3	67						153	3	"	.04										
	158	5	70						158	5	.01	Tr										
	161	3	80																			
	163	2	80						163	5	Tr	"										
	168	5	48						168	5	.03	.03										
	170	2	85						170	2	Tr	Tr										
	174	4	68						174	4	"	"										
	179	5	96						179	5	"	.02										
	184	5	60						184	5	.01	Tr										
	189	5	98						189	5	.01	.01			D?							
	194	5	62						194	5	Tr	Tr										
	197	3	93																			
	200½	3½	66						200½	6½	.02	"			Br							
	202½	2	40																			
	205	2½	56						205	4½	.05	.02			F							
	210	5	62						210	5	Tr	.02										
	214	4	43						214	4	"	Tr			F							
	216½	2½	64						216½	2½	.02	"			F							
	222	5½	20						222	5½	.03	"			S							
	225	3	50	.14	Tr				225	3	.07	"										
	229	4	15	2.07	.31				229	4	.16	.09										
	234	5	32	.11	.01			X	234	5	.23	.38										
	239	5	36	.09	.17				239	5	.08	.03										
	244	5	86						244	5	.04	.04										
	248	4	75						248	4	.01	Tr										
	253	5	56						253	5	.01	"										
	258	5	36						258	5	.03	.03										
	263	5	32						263	5	.03	.04										

CALERA MINING CO. Log of DDH S-44

BLACKBIRD MINE COORDINATES 18,405 N BEARING S-61½ W

3,688 E

ELEVATION 7,866½ INCLINATION -60°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	263								263													
	269	6	78						269	6	.01	Tr										
									274	5	.01	.17										
	279	10	100						279	5	.01	.18										
	285	6	100						285	6	.03	.14										
	294	9	74						294	9	Tr	Tr										
	299	5	82						299	5	"	"										
									304	5	"	"										
	309	10	53						309	5	.02	"										
	314	5	30						314	5	.01	"			D?							
	319	5	30						319	5	.01	"										
	325	6	77						325	6	.02	.01			D?							
	332	7	24						332	7	Tr	Tr										
	335	3	43						335	3	.01	"										
	338	3	57						338	3	.05	.01										
	343	5	26						343	5	.01	.01										
	348½	5½	45						348½	5½	Tr	Tr										
	355	6½	25						355	6½	"	"										
	360	5	18						360	5	"	"										
	364	4	13						364	4	"	"										
	369	5	36						369	5	"	.03										
	373	4	100						373	4	"	Tr										
	378	5	72						378	5	.02	"										
	383	5	100						383	5	.02	.05										
	391	8	100						391	8	Tr	.03										
	399	8	56						399	8	.02	Tr										
	407	8	93						407	8	.03	"										
	417	10	84						417	10	.01	"										

CALERA MINING CO. Log of DDH S-44 Sheet 4 of 4

BLACKBIRD MINE COORDINATES 18,405 N BEARING S-61½ W

3,688 E

ELEVATION 7,866½ INCLINATION -60°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH 417	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH 417	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
	425½	8½	69						425½	7½	.01	Tr										
	434	8½	92						434	8½	.04	"										
	439	5	68						439	5	.01	.04										
	444	5	74						444	5	Tr	Tr										
	454	10	100						454	10	"	"										
	461	7	76						461	7	"	.01										

CALERA MINING CO. Log of DDH 5-45

BLACKBIRD MINE COORDINATES 15,737 N BEARING West
5,531½ E

ELEVATION 7,760 INCLINATION -44°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO.	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP CLASS	GP ASSAY
	12	12	3						12	12	Tr	.61									
	18	6	12						18	6	.02	.25									
	23	5	20						23	5	Tr	.15									
	28½	5½	44						28½	5½	Tr	.15									
	33½	5	32						33½	5	Tr	.32									
	37	3½	14						37	3½	.01	.13									
	42	5	16						42	5	.02	.22									
	47	5	8						47	5	.02	.25									
	50	3	10																		
	53	3	7						53	6	.04	.15									
	55	2	20						55	2	.06	.20									
	58	3	7																		
	60	2	10						60	5	Tr	Tr									
	62½	2½	16																		
	64	1½	27						64	4	Tr	Tr									
	69	5	24						69	5	Tr	Tr									
	72	3	20						72	3	Tr	.03									
	75	3	33						75	3	Tr	.05									
	77	2	30																		
	80	3	23						80	5	Tr	Tr									
	85	5	30						85	5	.01	.02			D						
	88	3	77																		
	93	5	40	.01	.02				93	8	.03	.13									
	94½		0																		
	98½	4	30	Tr	.05				98½	5½	.08	.22									
	103	4½	82	.01	.04				103	4½	.04	.11									
	107½	4½	80	Tr	.02				107½	4½	.03	.12									
	110½	3*	80	.11	.34				110½	3	.11	.37									
	113½	3	20	.04	.03				113½	3	.01	Tr									
	115½	2	30																		
	120	4½	44						120	6½	Tr	.07									
	124	4	53						124	4	.02	.06									
	128½	4½	76						128½	4½	.02	.06									
	133	4½	40	Tr	.10				133	4½	Tr	.07									

CALERA MINING CO. Log of DDH S-45 Sheet 2 of 4

BLACKBIRD MINE COORDINATES 15,737 N BEARING WEST

5,531½ E

ELEVATION 7,760 INCLINATION -44°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	133								133													
	136	3	50						136	3	.01	.17										
	141	5	20						141	5	.08	.20										
	145½	4½	58						145½	4½	.02	.31										
	147½	2	80																			
	152	4½	87						152	6½	.01	.15										
	154	2	100						154	2	.04	.12										
	158	4	70						158	4	.02	.14										
	163	5	58						163	5	.02	.30										
	169	6	73						169	6	.02	.36										
	173	4	93						172½	3½	.02	.18										
	175	2	35						175	2½	Tr	.07										
	180	5	78	.02	.08				180	5	.02	.19										
	185	5	52	.03	.06				185	5	.08	.08			S							
	190	5	80	Tr	Tr				190	5	.01	Tr										
	195	5	48						195	5	.01	.09										
	199	4	58						199	4	.04	.24			~~D?~~							
	204	5	96						204	5	.01	.20										
	208½	4½	80						208½	4½	.02	.05										
	213½	5	74						213½	5	.02	.14										
	218½	5	64						218½	5	.02	.06										
	223½	5	30						223½	5	Tr	.09										
	227	3½	49						227	3½	.02	.09										
	231	4	33						231	4	.04	.09										
									233½	2½	.03	.09			D1							
	237½	6½	62						237½	4	.05	.12										
	241½	4	75						241½	4	.05	.13			Br F							
	245	3½	31						245	3½	.02	.17										
	249½	4½	96						249½	4½	.02	.08										

CALERA MINING CO. Log of DDH 5-45

BLACKBIRD MINE COORDINATES 15,737 N BEARING WEST
5,531½ E

ELEVATION 7,760 INCLINATION -44°

CORE							SLUDGE							COMBINED						
CLASS	DEPTH 249½	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH 249½	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	255	5½	60						255	5½	.02	.16									
	259½	4½	73						259½	4½	.01	.02									
	265	5½	85						264½	5	.03	.08									
	269	4	95						269	4½	.03	.04									
	276	5	89						276	7	.04	.05									
	282	6	75						282	6	.01	Tr									
	289	7	96	.03	.05				289	7	.06	.06									
	299	10	81	Tr	.15				299	10	.03	.26			F						
X	304	5	78	.05	1.00			X	306	7	.10	1.11			D						
X	306	2	75	.19	1.23										D						
	314	8	56	.10	.12				314	8	.07	.48									
	317	3	23	.04	.18																
	320	3	23	.03	.04				320	6	.05	.14									
	324	4	25	.05	.10				324	4	.04	.16									
	325	1	100	1.21	1.27																
	330	5	100	Tr	Tr				330	6	.11	.27									
	339	9	66	.01	Tr				339	9	.03	.09									
	349	10	51						349	10	Tr	Tr									
	354	5	46						354	5	.01	.07									
	359	5	42						359	5	Tr	.03									
	369	10	63						369	10	.01	.06									
	376	7	87						376	7	.02	Tr			D						
															D						
	384	8	65						384	8	.03	.11			D						
	389	5	64						389	5	.04	.09			D						
	393	4	18						393	4	.05	.15									
	396½	3½	6						396½	3½	.04	.10									
	401½	5	44	.04	Tr				401½	5	.05	.16									
	409	7½	83	.09	.17				409	7½	.08	.19									
	414	5	98	.08	.07				414	5	.08	.13									
	419	5	74	.04	.04				419	5	.05	.15									

CALERA MINING CO. Log of DDH 5-45 Sheet 4 of 4

BLACKBIRD MINE COORDINATES 15,737 N BEARING WEST

5,531½ E

ELEVATION 7,760 INCLINATION -44°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH 419	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH 419	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	423	4	88	Tr	.02				423	4	.04	.02									
	429	6	22	.04	.04				429	6	.06	.08									
	433	4	58	.03	.01				433	4	.05	.02									
	438	5	62	.04	.02			X	438	5	.23	.23									
X	444	6	65	.23	.21				444	6	.15	.22									
	449	5	78	Tr	Tr				449	5	.02	Tr									
	454	5	82	.05	.07				454	5	.06	Tr									
	462	8	81	.03	Tr				462	8	.05	Tr									
	472	10	87						472	10	.02	Tr									
	482	10	90						482	10	.03	Tr									
	491	9	93						491	9	.01	.02									
	493½	2½	80	.12	Tr				496	5	.08	.02									
	496	2½	84	.01	Tr																
	503	7	56	.02	Tr				503	7	.04	Tr									
	511½	8½	36	.01	Tr				511½	8½	.01	Tr									
	517	5½	80	.01	Tr			X	517	5½	.18	.14									
	524	7	67	.12	Tr				524	7	.15	.11									
	527	3	37	.54	.08				532	8	.17	.10									
	532	5	50	.07	.22																

CALERA MINING CO. Log of DDH 5-46 Sheet 1 of 3

BLACKBIRD MINE COORDINATES 15,991½ N BEARING S56½ W

5,858 E

ELEVATION 7,669½ INCLINATION -45°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP ASSAY
	13	13	6						13	13	—	—										
	18	5	36						18	5	Tr	Tr										
	20	2	20																			
	24	4	13						24	6	Tr	.01			Br							
															Br							
	29	5	14						29	5	.04	Tr										
	34	5	10						34	5	Tr	Tr										
	39	5	8																			
	44	5	6																			
	49	5	8						49	15	—	—										
	52	3	37						52	3	Tr	Tr										
	56	4	48																			
	58½	2½	64						58½	6½	.02	Tr										
	67	8½	34																			
	72	5	10																			
	77	5	60																			
	87	10	46																			
	91	4	68						91	2½	—	—										
	94½	3½	89						94½	3½	.01	.09										
	99	5½	49	.01	Tr				99	5½	.02	.05										
	104	5	48	Tr	.02				104	5	.12	Tr										
	109	5	38	.01	Tr				109	5	.04	Tr										
	114	5	38						114	5	.04	Tr										
	119	5	30						119	5	.05	.10										
	122	3	17												Br							
	125	3	17						125	6	.04	.31										
	129	4	15						129	4	.06	.21										
	130	1	100																			
	135	5	4						135	6	.06	.19										
	138½	3½	69						138½	3½	.05	.15										
	143½	5	38						142½	4	.02	.15										
	149	5½	36						149	6½	.02	Tr										
	155	6	20						155	6	.03	.06										
	160	5	34						160	5	.05	.02										
	165	5	40						165	5	.04	.03										
	170	5	54						170	5	.06	Tr										
	172	2	75																			
	177	5	14						177	7	.04	.04										
	179½	2½	28	.04	Tr				193½	16½	—	—										

CALERA MINING CO. Log of DDH S-46 Sheet 2 of 3

BLACKBIRD MINE COORDINATES 15,991½ N BEARING S 56½ W

5,858 E

ELEVATION 7,669½ INCLINATION -45°

CORE							SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	179½																				
	184½	5	54	.05	.03																
	188	3½	34	.01	.08																
	193½	5½	7	Tr	Tr				193½												
	200	6½	5						200	6½	.05	.17			Br						
	205	5	12						205	5	Tr	.02									
	210	5	26						210	5	Tr	.04									
	213	3	13																		
	218	5	40						218	8	Tr	Tr									
	223	5	46						223	5	.01	.07									
	228	5	26	Tr	.02				228	5	.05	.08									
	231	3	63	.59	.24				231	3	.11	.19									
	235	4	53	.02	.24				235	4	.05	.27									
	237½	2½	88	Tr	.04				237½	2½	.05	.24									
	242	4½	24	.03	.23				283	45½	—	—									
	245	3	40	Tr	.02																
	250	5	18	Tr	Tr																
	255	5	30	.08	.09																
	258	3	67	Tr	Tr																
	262	4	43	Tr	Tr																
	265½	3½	77	Tr	.04																
	269	3½	46	Tr	Tr																
	273	4	18	.05	.98																
	276	3	23	.07	.64																
	280	4	30	.22	1.18																
	283	3	50	.32	1.03				283												
	289	6	43	.23	1.73				289	6	.14	1.22									
	294	5	28	.02	.27				294	5	.16	.81									
	298	4	18	.02	.33				298	4	.22	1.36									

CALERA MINING CO. Log of DDH 5-46 Sheet 3 of 3

BLACKBIRD MINE COORDINATES 15,991½ N BEARING S56½ W

5,858 E

ELEVATION 7,669½ INCLINATION -45

CORE								SLUDGE						COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	298								298												
X	302	4	23	.15	.45			X	302	4	.17	.56									
	306	4	78	.04	.07				306	4	.09	.47									
	310	4	75	.09	.33			X	310	4	.27	.70									
	316	6	87	.01	.13			X	316	6	.24	.54									
	324	8	74	.01	Tr				324	8	.09	.24									
	334	10	85	.03	.03				334	10	.02	.12									
	339	5	74	.04	.14																
	344	5	72	—	—				344	10	.04	.08			D						
	349	5	12	—	—				349	5	.04	.08									
	354	5	14	—	—				354	5	.04	.12									
	360	6	13	—	—				360	6	.03	.05									
	365	5	10	—	—				365	5	.01	.02									
	370	5	18	.01	Tr				370	5	.02	.12									
	375	5	6	.02	Tr				375	5	.11	2.22			G						
	380	5	8	.02	.03				380	5	.08	.30									
	385	5	24	.02	Tr				385	5	.08	.16			G						
	390	5	40	.01	Tr				390	5	.04	.14									
	397	7	76	.01	Tr				397	7	.02	.06									
	405	8	86	.07	.03				405	8	.06	.11									
	414	9	67	.02	.10				414	9	.01	.08			D						
	422	6	90	.02	.08				422	6	Tr	.04									
	429	7	96	Tr	Tr				429	7	—	—			D						
	439	10	87	.02	Tr				439	10	.06	.23			D						
	449	10	94	.01	Tr				479	40	—	—									
	459	10	95	.01	.05																
	469	10	90	.01	Tr																
	479	10	100	Tr	Tr																

CALERA MINING CO. Log of DDH S-47 Sheet 1 of 4

BLACKBIRD MINE COORDINATES 15,429½ N BEARING S-81 W.

5,665½ E

ELEVATION 7697 INCLINATION -54°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
									15	5	.02	Tr										
	20	15	8						20	5	.04	.06										
	25	5	24						25	5	.02	Tr										
	28	3	17												G							
	31	3	13						31	6	.06	Tr			D							
	36	5	36						36	4	.01	Tr										
	41	5	68						41	5	.01	Tr										
	43½	2½	72						43½	2½	.01	.09			G							
	48	4½	31						48	4½	.05	.03										
	53	5	58						53	5	.01	Tr										
	58½	6½	86						58	5	.03	.05			D							
	63	3½	94						63	5	.02	.02										
	68	5	82						68	5	.02	.03										
	73	5	48						73	5	.04	Tr										
	78	5	58						78	5	.04	.05										
	82	4	33						82	4	.01	.02										
	87	5	90						87	5	Tr	Tr										
	92	5	84						92	5	Tr	Tr										
	97	5	84						97	5	.01	.05										
	101	4	90						101	4	Tr	.04										
	106	5	72						106	5	Tr	Tr										
	110½	4½	40						110½	4½	Tr	Tr										
	116	5½	56						116	5½	Tr	.03										
	119	3	77																			
	121½	2½	80	.02	.04				121½	5½	.01	.03										
	123	1½	93	.07	.09																	
	126½	3½	91	.47	.28				126½	5	.10	.12										
	128½	2	35	Tr	Tr				128½	2	.06	.05										
	134	5½	64	.01	Tr				134	5½	.03	.02										
	139	5	62	.03	.33				139	5	.01	.18			D							

CALERA MINING CO. Log of DDH S-47 Sheet 2 of 4

BLACKBIRD MINE COORDINATES 15,429½ N BEARING S-81°W

5,665½ E

ELEVATION 7697 INCLINATION -54°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH 139	INTERVAL	% RECOVERY	% CO.	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH 139	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP ASSAY
	144	5	54	.07	.22				144	5	.08	.17										
	149	5	86	Tr	Tr				149	5	.04	.05			Br							
	154	5	52	.05	Tr				154	5	.02	.03										
	157½	3½	83	.07	.60				157½	3½	.07	.43										
	160½	3	80	Tr	Tr				160½	3	.04	.09										
	165½	5	94						165½	5	.01	.10										
	170	4½	100						170	4½	Tr	Tr										
	173	3	83						173	3	.01	Tr										
	177	4	100						177	4	.01	Tr			D							
	182	5	100						182	5	.03	.11			D							
	187½	5½	89						187½	5½	.03	.02										
	191½	4	90						191½	4	.02	Tr										
	197	5½	89						197	5½	.02	.04										
	200	3	93						200	3	Tr	.03										
	205	5	74						205	5	.01	Tr										
	210	5	98						210	5	.01	.06										
	213½	3½	69						213½	3½	.02	.08										
	218½	5	26						218½	5	.02	.04										
	224	5½	71						224	5½	.01	.07										
	229	5	82	Tr	.08				229	5	.02	.14										
	234	5	66	.36	.24				234	5	.06	.16										
X	237	3	87	.17	.30				237	3	.03	.40										
	242	5	86	.01	.04				242	5	.04	.16										
	247	5	100						247	5	.05	.42			D							
	251	4	100						251	4	.02	.92			G							
	254½	3½	83						254½	3½	.03	.58			D							
	258	3½	80						258	3½	.06	.52										

CALERA MINING CO. Log of DDH S-97

BLACKBIRD MINE COORDINATES 15,429½ N BEARING S-81° W

5,665½ E

ELEVATION 7,697 INCLINATION -54°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	258																				
	261	3	43	Tr	Tr				261	3	.06	.35									
	263½	2½	68	Tr	.03				263½	2½	.01	.25									
	274	4½	39	Tr	Tr				274	4½	.06	.10									
	282	8	71	.01	Tr				282	8	.09	.38									
	285½	3½	49	1.20	.58				285½	3½	.29	.84									
	291	5½	40	.12	.07				291	5½	.26	.69			G						
	295	4	100	.19	1.11																
	298	3	100	Tr	Tr				298	7	.23	.60									
	301½	3½	100	.04	.77																
	308	6½	100	.06	.77				308	10	.19	.70									
	318	10	66	.02	.20				318	10	.14	.49									
	324	6	77	Tr	Tr				324	6	.16	.45									
	333	9	51	.10	.03				333	9	.05	.05			D						
	338	5	98	Tr	Tr				338	5	.04	.04									
	347	9	73	.02	Tr				347	9	.05	.04			D						
	356½	9½	54	Tr	Tr				356½	9½	.01	Tr									
	363	6½	80	.06	Tr				363	6½	.08	.14									
	368	5	86	.09	.02				368	5	.04	.04			D						
	378	10	58	.02	Tr				378	10	.05	.05									
	383	5	44	.01	.08				383	5	.04	.05									
	388	5	30	Tr	.04				388	5	.12	.09									
	391½	3½	40	.04	Tr				391½	3½	.05	.02									
	398	6½	12	Tr	Tr				398	6½	.06	.04									
	401	3	53	.30	.06										D						
	408	7	19	.17	.18				408	10	.06	.07									
	414	6	70	.09	.02				414	6	.05	.10									
	418	4	25	.13	.30				418	4	.04	Tr									
	423	5	32	.50	.49				423	5	.08	.11									
	428	5	26	.11	.12				428	5	.10	.12									
	434	6	25	.03	Tr				434	6	.08	.07			D						

CALERA MINING CO. Log of DDH S-47 Sheet 4 of 4

BLACKBIRD MINE COORDINATES 15,429½ N BEARING S 81 E

5,665½ E

ELEVATION 7,697 INCLINATION -54°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	434								434												
	438	4	13	.06	.02				438	4	.11	.14			D						
	444	6	18	.10	.02				444	6	.13	.23			D						
	449	5	16	.11	Tr				449	5	.11	.20			D						
	454½	5½	24	.12	.14				454½	5½	.07	.09			D						
	461	6½	63	.12	.32				461	6½	.11	.17									
	468	7	76	.05	.04				468	7	.09	.14									
	471	3	70	.02	Tr				471	3	.09	.03									

CALERA MINING CO. Log of DDH S-48 Sheet 1 of 4

BLACKBIRD MINE COORDINATES 17,650 N BEARING S61 W

4931½ E

ELEVATION 7753½ INCLINATION -45°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
									12	12	–	–									
									19	7	Tr.	Tr.									
	24																				
	29	5	28						29	10	.03	.01									
	34	5	90						34	5	.03	.09			D						
	39	5	66																		
	44	5	48						44	10	–	–									
	49	5	50						49	5	.02	.14									
	54	5	28						54	5	.01	Tr.									
	59	5	34						59	5	.01	.04									
	64	5	54						64	5	.03	Tr.									
	69	5	90						69	5	.04	.05									
	74	5	56						74	5	.04	.04									
	79	5	92						79	5	–	–									
	84	5	54						84	5	.04	.02									
	89	5	94						89	5	.04	.03									
	94	5	98																		
	99	5	60																		
	104	5	94																		
	109	5	94																		
	114	5	82																		
	119	5	86												D						
	124	5	94																		
	129	5	30																		
	132	3	23																		
	137	5	80																		
	142	5	96																		
	146½	4½	76																		
	149	2½	4																		

CALERA MINING CO. Log of DDH 5-48

BLACKBIRD MINE COORDINATES 17,650N BEARING 36/W
4931 1/2 E

ELEVATION 7753 1/2 INCLINATION -45°

CORE							SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	149								149												
	154	5	76						154	5	Tr.	Tr.									
	159	5	10						159	5	Tr.	Tr.									
	163	4	70						162	3	Tr.	Tr.									
	168	5	68	Tr.	Tr.																
	173	5	60	Tr.	.02																
	178½	5½	64	Tr.	Tr.																
	186½	8	20	Tr.	Tr.																
	191	4½	56	Tr.	Tr.										F						
	196	5	46	.02	.03										D						
															F						
	202	6	40	.03	.04										F						
	207	5	72	Tr.	Tr.																
	212	5	74	Tr.	Tr.										F						
	218	6	30	Tr.	Tr.																
	225½	7½	63	Tr.	Tr.																
	235	9½	62	Tr.	Tr.																
	240	5	22	Tr.	Tr.																
	245	5	82	Tr.	Tr.																
	250	5	72	.01	Tr.																
	254½	4½	56	Tr.	Tr.																
	256	1½	67	Tr.	Tr.				256												
	264	8	73	Tr.	Tr.				264	8	.03	.02									
	270	6	27	Tr.	Tr.				270	6	.07	.04									
	279	9	6	.07	.03				279	9	.16	Tr.									
	283	4	60	.08	.03				283	4	.12	.04									
	287	4	23	.08	.19																
	292½	5½	55	Tr.	Tr.				292½	9½	.07	.20									
	298	5½	51	.02	Tr.				298	5½	.07	.04									
	304	6	40	.03	.08				304	6	.04	.08									

CALERA MINING CO.
BLACKBIRD MINE

Log of DDH S-48

Sheet 3 of 4

COORDINATES 17,650N 4931½ E

BEARING S61W

ELEVATION 7753½

INCLINATION -45°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP ASSAY
	304								384													
	309	5	24	.04	.17				309	5	.07	.18										
X	313	4	28	.13	.81				313	4	.06	.13										
	319	6	13	.01	.03																	
	324	5	18	.05	.19																	
	334	10	24	Tr.	.03																	
	339	5	12	.01	Tr.																	
	344	5	0	–	–																	
	354	10	20	Tr.	Tr.																	
	359	5	22	.02	.03																	
	364	5	30	.03	Tr.										F							
	368	4	23	.01	.03																	
	374	8	37	Tr.	.05										F							
	379	5	52	Tr.	.01																	
	384	5	84	.02	Tr.										~~D?~~							
	386	2	90	.01	Tr.																	
	389½	3½	37	.02	.02										~~D~~							
	391	1½	80	.66	.73																	
	393½	2½	44	.04	.55										~~D~~							
	395	1½	60	.03	.02																	
	399½	4½	49	.02	Tr.										D							
	404	4½	49	.02	Tr.										~~D~~							
	407	3	31	Tr.	Tr.																	
	414	7	42	Tr.	Tr.				407													
	419	5	64						414	7	.07	.06			D							
	424	5	82						419	5	.06	.12			~~D~~							
	429	5	74						424	5	.05	.03										
	436	7	79						429	5	.05	.09			~~D~~							
									436	7	.02	.03			~~D~~							

CALERA MINING CO. Log of DDH S-48

BLACKBIRD MINE COORDINATES 17,650N BEARING S61W

4931 1/2 E

ELEVATION 7753 1/2 INCLINATION -45°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH 436	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH 436	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	444	8	95						444	8	.04	.05										
X	448	4	58	.24	.17				452	8	.03	.09										
	452	4	58	Tr.	Tr.																	

CALERA MINING CO.
BLACKBIRD MINE

Log of DDH S-49

Sheet 1 of 3

COORDINATES 17,757½ N
4732½ E

BEARING S64W

ELEVATION 7807

INCLINATION -49°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	24																					
	29	5	26						29													
	34	5	10						34	5	Tr.	Tr.										
	39	5	44						39	5	Tr.	Tr.										
	44	5	10						49	5	–	–										
									52	3	.01	Tr.										
	54	10	0																			
	64	10	16																			
	69	5	34																			
	74	5	38																			
	79	5	0																			
	84	5	62												D							
	89	5	22												D							
	94	5	38																			
	99	5	36																			
	104	5	30																			
	108½	4½	8																			
	111½	3	20																			
	114	2½	43																			
	119	5	12						119						D							
	121½	2½	60																			
	126	4½	47						126	7	Tr.	Tr.										
	130½	4½	18	.02	.03				130½	4½	–	–										
	135½	3	3																			
	137	3½	6						137	6½	Tr.	Tr.										
	140	3	10						140	3	Tr.	Tr.			D							
	145	5	72						145	5	.01	Tr.			F							
	150	5	56						150	5	Tr.	Tr.										
	153	3	17						153	3	.01	Tr.										

CALERA MINING CO. Log of DDH S-49 Sheet 2 of 3

BLACKBIRD MINE COORDINATES 17,757½ N BEARING S64W
4732½ E

ELEVATION 7807 INCLINATION -49°

CORE							SLUDGE							COMBINED						
CLASS	DEPTH 153	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH 153	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	155	2	35						155	2	Tr	Tr			F						
	162	7	31	Tr	Tr				162	7	–	–			G						
	167	5	6						167	5	Tr	Tr									
	170½	3½	20						170½	3½	Tr	Tr									
	173	2½	32						173	2½	Tr	Tr			G						
	175½	2½	48						175½	2½	Tr	Tr									
	180	4½	40	Tr	Tr				180	4½	.01	Tr			F						
	185	5	36	.04	.02				185	5	.09	Tr			D?						
	190	5	46	Tr	Tr				190	5	.07	Tr			D						
	195	5	82						195	5	.02	Tr									
	196	1	70																		
	201	5	34						201	6	.02	Tr									
	206	5	20						206	5	.01	Tr									
	212	6	48						212	6	.03	Tr			D?						
	214½	2½	68						214½	2½	.01	Tr									
	217	2½	68																		
	224	7	84						224	9½	Tr	.03									
	234	10	51						234	10	.01	Tr									
	244	10	61						244	10	.01	Tr									
	254	10	91						254	10	.03	.17									
	259	5	84																		
	264	5	84	.01	Tr				264	10	.05	.13									
	268	4	75	Tr	.06				268	4	.11	.33									
	275	7	99	.03	.11				275	7	.12	.28									
	280	5	74	.08	.17				280	5	.12	.35			D						
	288	8	89	.01	.05				288	8	.05	.12			D						
	295	7	71	.01	Tr				295	7	.05	.09									
	301	6	92	Tr	Tr				301	6	.04	.09									
	305	4	88	Tr	Tr				305	4	.04	.03									
	311	6	55	.03	.17				311	6	.02	.15									

CALERA MINING CO.
BLACKBIRD MINE

Log of DDH S-49

Sheet 3 of 3

COORDINATES 17,757½ N
4732½ E

BEARING S64W

ELEVATION 7807

INCLINATION -49°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH 311	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH 311	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	319	8	50	.06	.55				319	8	.09	.18											
	329	10	34	.15	1.13				329	10	.13	.64											
	334	5	88	.19	1.30				339	10	.17	.66											
	339	5	88	Tr.	Tr.				349	10	.16	.45											
	349	10	93	Tr.	Tr.				354½	5½	.13	.40											
	354½	5½	44	Tr.	.01				361	6½	.12	.26											
	361	5½	14	.23	.12				369	8	.06	.26			D								
	369	8	66	Tr.	Tr.				374	5	.08	.21											
	374	5	18	.01	.13				379	5	.08	.18											
	379	5	36	Tr.	Tr.				389	10	.11	.46											
	389	10	33	.02	.03				397	8	.05	.14											
	397	8	39	Tr.	.03				404	7	.05	.34											
	404	7	37	.01	Tr.				410	6	.06	.19											
	410	6	53	.01	.28				416½	6½	.04	.14											
	416½	6½	37	.01	Tr.				425½	9	.05	.11											
	419	2½	52	Tr.	Tr.				429	3½	.03	.05			D								
	425½	6½	49	.01	Tr.				436	7	.04	.11											
	429	3½	51	Tr.	Tr.				443	7	.08	.14											
	436	7	50	.04	.20				449	6	.11	.08											
	443	7	24	.06	Tr.				459	10	.05	.04			F								
	449	6	32	.32	.24				465	6	.05	.10											
	459	10	23	Tr.	Tr.				471	6	.05	.05			D								
	465	6	18	.14	.08				480	9	.04	.04											
	471	6	25	.05	Tr.																		
	480	9	64	Tr.	Tr.																		

CALERA MINING CO. Log of DDH U-74-30 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 2744 E BEARING N19E

18094 N

ELEVATION 7400 D.N. INCLINATION ± 0°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	3	3	97	1.57	15.20		2.247 Co														
	9	1	100	4.28	8.65		13.563 Cu.														
	9	5	100	.10	.05																
	14	5	100	.05	.03																
	19	5	94	Tr.	Tr.			F													
	24	5	100	Tr.	Tr.																
	27½	3½	100	.02	.08																
	29½	2	100	Tr.	Tr.																
	34	4½	100	.02	Tr.																
	39	5	94	.01	Tr.																
	44	5	94	.04	.06																
	49	5	90	.05	Tr.																
	51½	2½	100	.04	.07																
X	53	1½	100	.08	.77			D													
X	57½	4½	22	.26	.03																

CALERA MINING CO. Log of DDH U-74-32 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 18,464 N BEARING N59½E

2,376½ E

ELEVATION 7417 INCLINATION +7°

CORE								SLUDGE							COMBINED								
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	3	3	43	.08	.14										~~D~~							
	5	2	70	.08	.06										G							
	9	4	60	.04	.13																	
	15	6	67	Tr.	Tr.																	
	21	6	58	.02	.05				21													
	26	5	46	.04	.22				26	5	.08	.22										
	27½	1½	87	.02	.03																	
	29	1½	73	.31	1.03																	
	34½	5½	58	.10	.71																	
	36	1½	67	.06	.12																	
	41	5	80	.01	Tr.																	
	47	6	90	.04	.05																	

CALERA MINING CO. Log of DDH U-74-33 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 18,440 N BEARING N69½E

2,399½ E

ELEVATION 7416 INCLINATION Horiz.

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	7	7	34	Tr.	Tr.																
	12	5	60	.09	.42																
X	15	3	30	.12	.65										D						
	20	5	90	.03	.09				20												
	25	5	52	.05	.12				25	5	.03	.13									
	30	5	50	.06	.26				30	5	.03	.08									
	35	5	70	.36	1.57				35	5	.06	.60									
X	40	5	22	.18	.28				40	5	.06	.19									
	44	4	20	.02	.04				44	4	.07	.28									
	49	5	8	.04	.19				49	5	.05	.19									

CALERA MINING CO. Log of DDH U-74-34 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 18,964N BEARING S61W

2,359E

ELEVATION _____ INCLINATION +4°

CORE							SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
	3½	3½	49	Tr.	Tr.																
	6½	3	63	.02	Tr.																
	9	2½	52	.09	.65																
	14	5	72	.04	.04										G						
	18	4	98	.38	.57																
	21	3	100	.35	.57																
	26	5	94	.03	.02																
	28	2	70	Tr.	.01				28												
	32	4	83	.01	Tr.				32	4	.05	.07									
	37	5	56	.07	.04				37	5	.05	.07									
	42½	5½	57	.01	.03				42½												
	46½	4	40	.02	Tr.				46½	4	.04	.07									
	50	3½	52	Tr.	.01																
	52½	2½	72	Tr.	.15																

CALERA MINING CO.
BLACKBIRD MINE

Log of DDH U-74-35

Sheet 1 of 1

COORDINATES 18,379½ N, 2,461 E

BEARING N62½ E

ELEVATION 7414½

INCLINATION +1½°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
X	4	4	60	.06	.93																
	8	4	62	.17	.14																
	12	4	92	.03	.09																
	16	4	100	.02	.11																
	20	4	90	.02	.09																
	24	4	85	.01	.19																
	29	5	70	.02	Tr.																
X	34	5	64	.21	.13										F?							
	39	5	74	.04	.08																
	41½	2½	44	.03	.12																
	45½	3½	78	.02	.21																
	50	4½	58	.04	.07																
	55	5	60	.03	Tr.																
	60	5	40	.06	.52										D						
	65	5	72	.06	.69																
	71	6	69	.01	.07																
	75½	4½	67	Tr.	Tr.																
	79½	4	70	.19	Tr.																
	83½	4	80	.03	Tr.																
	88	4½	99	.01	Tr.																

CALERA MINING CO. Log of DDH U-74-36 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 18,318N BEARING N50E
2523E

ELEVATION 7400DN INCLINATION ±0°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	4	4	65	.05	.01																
X	8	4	83	.21	.18																
	13	5	70	.04	.17										F						
															F						
	18	5	76	.01	Tr.																
	22½	4½	89	.03	.12																
	28	5½	100	.02	.42										F?						
	34	6	100	.01	.02																
	38½	4½	100	.01	.04																
	40½	2	100	.02	.15										D						
	46½	6	100	Tr.	.04										S						
	53	6½	82	.44	Tr.										D						
															F						
	57	4	98	.75	.15																
	59	2	100	.10	.04										D						
	65	6	100	.01	Tr.																
	71	6	97	.06	.12										F						
															F						
															F						
	76	5	96	.07	.01																
	79	3	80	.16	.13																
	82	3	100	.41	.12										D						
															G						
	88	6	62	.35	.16				88												
	93	5	76	.07	Tr.				93	5	.77	.19									
	97	4	95	.02	Tr.																
	102	5	74	.03	Tr.																
	106	4	100	Tr.	Tr.																
	110	4	100	Tr.	Tr.																
	115	5	82	Tr.	Tr.																
	122	7	83	Tr.	Tr.																
	126	4	71	.38	.49																

CALERA MINING CO. Log of DDH U-74-36 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 18318 N BEARING N 58 E

12523 E

ELEVATION 7400 D.N. INCLINATION ±0°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH 126	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH 126	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO.	% CO	GP CLASS	GP ASSAY
	130	4	69	.04	Tr.				130	4	.46	.14										
	135	5	60	.03	.04				135	5	1.00	.24										
	140½	5½	65	.18	.06				140½	5½	.83	.27										
	144	3½	54	.04	.02				144													
	148	4	78	.05	.02				148	4	.56	.14										
	154	6	100	Tr.	Tr.																	
	159	5	100	.04	Tr.																	

CALERA MINING CO. Log of DDH U-74-37 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 18,258N BEARING N59E

2,591 E

ELEVATION 7412 ½ INCLINATION +4½°

CORE								SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CU	% CO	GP CLASS	GP ASSAY
	3½	3½	69	.51	.93																
	7½	4	75	.76	1.47																
X	12	4½	80	.09	.92		0.344 Co.														
X	15½	3½	66	.12	1.27		1.655 Cu														
	20	4½	60	.46	3.10																
	24	4	48	.15	1.85																
X	27	3	84	.10	1.61																
	31	4	57	.15	2.01																
	34	3	97	.02	.05																
	37½	3½	77	.04	.19																
	45	7½	60	.02	.04																
	50	5	90	.73	.22																
	54	4	100	.06	.03																
X	56	2	100	.21	.36																
	61	5	100	.14	.11																

CALERA MINING CO. Log of DDH U-74-38 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 18,390½ N BEARING S 58½ W

2486½ E

ELEVATION 1,414½ INCLINATION +3°

CORE

CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY
	3½	3½	46	.21	.26		
	8	4½	76	.37	.03		
	11	3	40	.52	.29		0.518 CO
	14	3	67	.67	1.97		1.316 Cu
	18	4	53	.42	1.91		
	21	3	53	.21	1.01		
	23	2	70	.08	.32		
	28	5	64	.03	.09		
	32	4	30	.11	.62		
	37	5	4	.02	.23		

SLUDGE

CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY
	14					
	18	4	.26	1.10		
	21					
	23	2	.24	1.09		
	28	5	.34	1.30		
	32	4	.36	1.46		
	37	5	.19	.92		

F
F

COMBINED

CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP ASSAY
	14					
	18	4	0.317	1.376		

CALERA MINING CO. Log of DDH U-74-39 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 18,398 N BEARING S65W

2428 E

ELEVATION 7400 D.N. INCLINATION 0±

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
	3½	3½	27	.02	Tr.										F?						
	5½	2	55	.04	.12				5½						S						
	11	5½	22	.01	.03				11	5½	.03	Tr.									
	16	5	42	.01	.09			X	16	5	.13	1.57									
	21	5	34	.04	.05				21	5	.07	.18									
	26	5	32	.04	.02				26	5	.06	.09			D						
	32	6	40	.07	.35				32	6	.07	.40									
	38½	6½	38	.11	.44				38½	6½	.13	.23									

CALERA MINING CO. Log of DDH U-74-40 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 18,298 N BEARING S 62½ W

2,529 E

ELEVATION 7400 D.W. INCLINATION ±0°

CORE								SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO.	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	4½	4½	87	1.09	1.80		0.568 Co														
X	10	5½	100	.18	1.58		1.64 Cu														
	15½	5½	100	.57	1.57			F?													
	20	4½	100	.03	.03																

CALERA MINING CO. Log of DDH U-74-41 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 18,238N BEARING N59½E

2604E

ELEVATION 2413½ INCLINATION +4°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	3½	3½	43	Tr.	.05																
	10	6½	88	.14	.21			G													
	15½	5½	96	.08	.33																
	19½	4	97	.19	.82																
	24	4½	95	.50	1.68		0.435 Co														
	26½	2½	68	.32	.80		1.365 Cu														
	30	3½	66	.05	.49																
	34	4	100	.03	.38			G													
	36	2	75	.05	.20																
	42	6	75	.04	.10			F!													
	47½	5½	87	.02	.01			D													
	50	2½	100	1.33	.24																
	52	2	100	.06	.04																
	57	5	100	.08	.10																
	63	6	100	.05	Tr.																

CALERA MINING CO.
BLACKBIRD MINE

Log of DDH U-74-42

Sheet 1 of 1

COORDINATES 18,221 N
2,619 E

BEARING N58½E

ELEVATION 7413

INCLINATION +6°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP ASSAY
	4	4	96	.03	1.08																
	7½	3½	97	.02	.19																
	10½	3	100	.08	.23			F													
	15½	5	100	.20	1.72																
	18½	3	73	.02	.03																
	22½	3	100	.01	.08																
	25	2½	100	.05	.27																
	27	2	100	.01	.01																
	30	3	7	.04	.13			G													
	35	5	44	.44	.21			G													
	37	2	100	.18	.14			G													
	41	4	100	.09	.05			D													
	46	5	100	.87	.82		0.59 Co														
	49½	3½	100	.19	1.29		1.014 Cu														
	52½	3	100	.15	.12																
	58	5½	100	.02	Tr.																

CALERA MINING CO. Log of DDH U-74-43 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 18,352 N BEARING S63W

2,515 E

ELEVATION 7400 D.H. INCLINATION 0±

CORE								SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	4	4	80	.09	.35																
	9	5	100	1.53	3.73		1.208 Co														
	11½	2½	100	.71	3.86		4.597 Cu														
	16	4½	49	1.05	5.97																
	21½	5½	64	.05	.26																
	23	1½	100	.02	.11																

CALERA MINING CO. Log of DDH U-74-44 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 18,195½N 2632E BEARING 561½W

ELEVATION 7412 INCLINATION +4½°

CORE									SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	5	5	58	.06	.01																		
	13	8	89	.02	Tr.			F															
	18	5	100	Tr.	.10			Br.															
	24	6	100	.01	.02																		
	30	6	100	.03	.04																		
	36	6	100	.01	Tr.																		
	41½	5½	93	.04	Tr.			D?															
	44½	3	100	.02	.07																		
	47	2½	100	Tr.	Tr.																		
X	50	3	87	.07	1.50																		
▨	54½	4½	80	.19	1.81																		
	56½	2	75	.03	.09																		
X	59½	3	77	.23	.02																		

CALERA MINING CO.
BLACKBIRD MINE

Log of DDH U-74-45

Sheet 1 of 1

COORDINATES 18,270½N 2570 E

BEARING N57½E

ELEVATION 7413¼

INCLINATION +1°

CORE								SLUDGE								COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	5½	5½	91	.05	.46																
X	8	2½	82	.18	.89																
	10	2	100	.10	1.95		0.572 Co	F													
	14	4	100	.80	2.68		3.105 Cu														
	17½	3½	99	.58	4.25																
	20½	3	100	.03	.26																
	23	2½	76	.07	.15			F													
	27	4	100	Tr	.09			F													
	34½	7½	33	.05	.30																
	37	2½	50	.01	Tr			F	37												
	41	4	100	.08	.04			D	41	4	.09	.19									
	45	4	100	.05	.04			F													
	51½	6½	85	.05	Tr			F	51½												
	56½	5	84	.01	.02				56½	5	.04	.09									
X	61½	5	82	.30	.25				61½	5	.14	.22									
	64	2½	100	.07	.02																
	70	6	100	.05	.22																

CALERA MINING CO. Log of DDH U-79-59 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 17,997 N BEARING N9°E

2828 E

ELEVATION 7912 INCLINATION +4½°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP CLASS	GP ASSAY
	5½	5½	55	.10	.10																
	11	5½	78	Tr.	Tr.																
	14½	3½	89	.13	Tr.																
	19	4½	89	.03	.04																
	23	4	85	Tr.	Tr.																
	31	8	45	Tr.	Tr.																
	37	6	75	.01	Tr.																
	41	4	75	.07	Tr.																
	48	7	27	.01	Tr.																
	55	7	51	.01	Tr.																
	58	3	40	.03	.02																
	63	5	44	Tr.	Tr.																
	68	5	44	.09	.26				68												
	73	5	32	.07	.18				73	5	.03	Tr.			F?						
X	77½	4½	27	.12	1.22				77½	4½	.08	Tr.									
	84	6½	12	.04	.05				84	6½	.05	.07									
	89	5	30	.05	Tr.				89	5	.05	.13									
	94	5	16	.05	.05				94	5	.04	.13									
	99	5	20	.02	Tr.				99	5	.03	.03									
	101½	2½	12	.02	Tr.			X	101½	2½	.29	.12									
	107	5½	36	1.33	5.97				107	5½	.10	.26									
	112	5	100	.33	1.47			X	112	5	.13	.41									

CALERA MINING CO. Log of DDH U-74-60 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 17,944½ N BEARING S19½°W

2,861½ E

ELEVATION 7412 INCLINATION +2½°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	3½	3½	63	.03	Tr.										E?							
	8½	5	82	.04	Tr.																	
	11	2½	20	.05	.02																	
	15½	4½	44	.02	Tr.				15½													
	22½	7	24	Tr.	Tr.				22½	7	.06	.03										
	27½	5	20	.06	.02				27½													
	30½	3	50	.02	Tr.				30½	3	.06	.02										
	36½	6	23	.39	1.85			X	36½	6	.22	.18										
X	38½	2	15	.26	.04				38½													
	41	2½	8	.06	.15				41	2½	.16	.11										
	46	5	2	.02	Tr.				46	5	.12	.29										
	51	5	2	Tr.	Tr.				51	5	.08	.19										
	56	5	0						56	5	.08	.10										
	61	5	26	Tr.	Tr.				61	5	.01	Tr.										
	64½	3½	71	Tr.	.02				64½	3½	.03	.02										
	68	3½	40	.02	Tr.				68	3½	.05	Tr.										
	73½	5½	5	.04	.10				73½	5½	.03	.01										
	78½	5	6	Tr.	Tr.				78½	5	.02	Tr.										
	81½	3	51	Tr.	Tr.				81½	3	.04	.01										
	86½	5	48	Tr.	Tr.				86½	5	.03	Tr.			D							
	91½	5	16	.03	Tr.				91½	5	.03	.04			D							
	96½	5	4	.02	Tr.				96½	5	.04	.03										
	101½	5	33	.05	.07				101½	5	.02	Tr.										
	106½	5	22	.02	.20				106½	5	.03	.01										
	109½	3	0						109½	3	.02	.01										

CALERA MINING CO. Log of DDH U-74-63 Sheet 1 of 3

BLACKBIRD MINE COORDINATES 17,298 N BEARING Due W

2,953 E

ELEVATION 7400 D.N. INCLINATION ± 0°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
X	5	5	28	.29	.50																	
X	7	2	25	.10	.76																	
	11	4	13	.05	.16																	
	16	5	26	.02	.50			~~F?~~														
	21	5	42	.10	.32																	
X	26	5	76	.28	.27																	
	30	4	73	.11	.48																	
	35	5	44	.06	.17																	
	39	4	48	.01	.12			F														
X	43½	4½	56	.26	.02			F														
	48	4½	89	.01	Tr.			~~D~~														
	52	4	65	.14	Tr.			F														
	56	4	100	Tr.	Tr.			~~G~~														
	60	4	85	Tr.	Tr.																	
	61	1	70	.04	.01			D														
	63	2	100	Tr.	Tr.			D														
	65	2	100	.11	.02			~~F~~														
	70½	5½	91	.01	Tr.			~~G?~~														
	75½	5	100	Tr.	.04																	
	80	4½	85	.06	.19																	
	83	3	73	.08	.07																	
	86½	3½	46	.31	.52																	
	89	2½	68	.07	.10			D														
	94	5	84	.01	Tr.																	
	99	5	92	Tr.	Tr.																	
	104	5	92	.01	Tr.																	
	109	5	96	Tr.	Tr.																	

CALERA MINING CO. Log of DDH U-74-63 Sheet 2 of 3

BLACKBIRD MINE COORDINATES 17,298 N BEARING Due W

2,953 E

ELEVATION 7400 DN INCLINATION ±0°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	109																				
	114	5	96	Tr.	Tr.																
	119	5	80	.01	Tr.																
	124	5	70	Tr.	Tr.																
	129½	5½	46	Tr.	Tr.			G													
								D													
	132	2½	80	.07	.02																
	137½	5½	64	.04	.05																
	143	5½	100	.02	Tr.																
	148½	5½	100	Tr.	Tr.																
	154	5½	100	.04	Tr.																
	159½	5½	87	Tr.	Tr.																
	163½	4	65	.01	Tr.																
	168	4½	80	Tr.	Tr.																
	172	4	60	.01	.30																
	175	3	57	.06	.09			D													
	180	5	0																		
	182½	2½	56	.03	.55																
	186	3½	9	.02	.10																
	191	5	26	.02	Tr.																
	198	7	71	.01	.20			F													
	201	3	20	.08	.03																
	206	5	52	.02	.34			F													
X	207½	1½	67	.05	1.07																
	209½	2	50	0.52	2.56																
	211	1½	40																		
	216	5	32																		
	221	5	10																		
	222	1	80	.05	.37																

CALERA MINING CO. Log of DDH U-74-63 Sheet 3 of 3

BLACKBIRD MINE COORDINATES 17,298 N BEARING Due W.

2,953 E

ELEVATION 7400 D.N. INCLINATION ±0°

CORE								SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	222																				
	223	1	100	.11	8.15																
	226	3	67	.03	.41																
	272	42	No Log submitted																		

CALERA MINING CO. Log of DDH U-74-64 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 18,638 N BEARING S57½ W.

2,116 E

ELEVATION 7400 D N. INCLINATION ±0°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO'	GP. CLASS	GP. ASSAY
	5	5	100	.06	.02																
	10	5	80	.01	Tr																
	13½	3½	100	.03	Tr																
	17	3½	71	.04	.04																
	21	4	50	.04	.04																
	25	4	75	.06	.15																
	29	4	75	Tr	.01																
	32	3	70	.03	.01																
	39	7	50	.10	.16																
	42	3	87	1.60	3.26		1.489 Co 2.672 Cu														
	44	2	95	1.31	1.79																
	47	3	93	.18	.03																
X	48	1	50	.21	.09																
	52	4	100	.06	Tr																
	54	2	100	.04	.05																
	58½	4½	98	.04	Tr																
	62½	4	100	.07	.19																
	64	1½	93	.54	.41																
X	68	4	100	.28	.06																
	74	6	66	.04	.02																
	79	5	92	.05	Tr																
	83	4	100	.05	Tr																
X	87	4	100	.20	Tr																
	92	5	100	.06	.13																
	95	3	100	.18	.09																
	97	2	100	.41	.78																
	103	6	83	.06	.02																

CALERA MINING CO. Log of DDH U-74-64 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 18,638 N BEARING S57½ W.

2,116 E

ELEVATION 7400 ON INCLINATION ±0°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH 103	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	109	6	83	.02	.01										Br						
	115	6	83	.08	.08																
	121	6	50	.06	.07																
	126	5	90	.01	Tr																
	131	5	67	.02	.05																
X	137	6	43	.15	.65																
	140	3	17	.Tr	Tr																
	144	4	23	.03	.29																

CALERA MINING CO. Log of DDH U-74-65 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 18,648 N BEARING N.52½ E.

2,124 E

ELEVATION 7400 D.N. INCLINATION ± 0°

CORE								SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	2½	2½	100	.01	Tr																
	5½	3	100	Tr	.03																
	9	3½	91	.01	.07																
	12	3	100	.02	.18																
	16½	4½	96	.01	.06																
	17	4	60	.34	4.03																
X	18	1	100	.29	.56																
	21½	3½	97	.05	.02																
	23½	2	88	.02	.37																
	28	4½	100	.01	.05																
	32	4	100	.01	Tr																
	36	4	93	.01	.05																
	41½	4½	100	Tr	Tr																
	47	5½	95	.02	.13																
	52	5	90	Tr	.04																
	57½	5½	0	—	—																
	62	4½	100	.01	.05																
	65	3	87	.15	.85																
	66	1	80	.46	1.58																
	70	4	77	.05	.46																
	76	6	68	.03	Tr			X	TO 76	6	.11	1.24									
X	79½	3½	97	.08	.86																
	85	5½	91	.06	1.64																
	91	6	82	.06	.83																
	94	3	100	.04	.41																
	97	3	97	.04	.18																
	100	3	93	.05	.22																

CALERA MINING CO. Log of DDH U-74-65 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 18,648 N 2,124 E 7400 D.N. BEARING N52½ E.

ELEVATION INCLINATION ± 0°

CORE									SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	Au	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP CLASS	GP ASSAY
	100																					
	102½	2½	72	1.72	4.98																	
	106	3½	97	1.84	5.56			.078														
	111	5	80	2.44	4.58			.584														
	114½	3½	100	1.35	2.91		2.171 CO	.244														
	116½	2	90	1.60	12.20			.396														
X	121	4½	100	.26	.59		3.97 CU.	—														
	126½	5½	98	.80	1.65			.156														
	127½	1	100	6.41	6.60			.620														
	129	1½	93	1.95	2.90			—														
	130	1	90	.43	.24			.030														
	131½	1½	100	2.45	2.54			.246														
	137	5½	95	1.35	1.05			.124														
	142	5	100	1.87	3.06			.066														
	147	5	100	4.91	5.71			.192														
	152½	5½	95	4.14	5.71			.298														
X	156	3½	80	.13	1.07			—														
	161½	5½	20	.07	.12			—		161½						F						
	166½	5	12	.03	.09			—		166	5	.70	1.29									

CALERA MINING CO. Log of DDH U-74-66 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 17,323N BEARING N37E

2,956 E

ELEVATION 7412± INCLINATION ±0°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	1½	1½	67	.03	.03																	
	5	3½	29	.02	tr																	
	10	5	54	.05	tr																	
	14½	4½	87	.01	tr																	
	20	5½	51	Tr	tr																	
	24	4	40	.05	.08																	
	28	4	38	Tr	.02																	
	31	3	33	.05	.20																	
	31½	½	100	.01	tr											D						
	33½	2	45	.10	.69																	
	37	3½	91	.73	1.31																	
	39½	2½	100	.05	.13																	
	44	4½	89	.01	tr																	
	47	3	100	.05	.01				47													
	52	5	96	.09	.09				54	7	.06	.29										
	57	5	92	.09	.12				57	3	.06	.26										
	62	5	89	.06	Tr				62	5	—											

CALERA MINING CO. Log of DDH U-74-67 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 2933E BEARING N 34E.

17,390N

ELEVATION 7412± INCLINATION ±0°

CORE							SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	5	5	22	.12	.06																
	10	5	42	.04	.08																
									14												
	16	6	23	.03	.01				16	2	.03	.19									
	17	1	70	.13	.38				19	3	.04	.22									
	21	4	30	.02	.07				21	2	Tr	.13									
									23	2	.05	.10									
	27	6	73	Tr	Tr			X	25½	2½	.23	.10									
X	29	2	70	.16	.24			X	29	3½	.23	.56									
								X	31	2	.15	.29									
	34½	5½	87	.01	.02				35	4	.07	.13									
	38	3½	97	.02	Tr				41	6	—	—			G						
	43	5	52	.01	Tr				44	3	.08	.18									
	46	3	40	.03	Tr				46	2	.02	.15									
	49	3	73	.03	.23				49	3	.06	.23									
	54	5	70	.09	.13				54	5	.07	.27									
	56	2	65	.09	.02				56	2	.08	.29									
	59	3	60	.01	Tr				59	3	.08	.30									
	61	2	93	.01	.04				61	2	.08	.27									
	66	5	72	.06	.03				66	5	.07	.26									
	71	5	22	.04	.02				71	5	.06	.18									
	74	3	30	Tr	.03				74	3	.07	.24									
	78	4	63	.07	.03				78	4	.07	.17									
	81	3	77	.01	Tr				81	3	.07	.32									
	83	2	80	.03	Tr				83	2	.06	.33									
	86	3	47	.04	.24				86	3	.04	.25									
	88	2	65	.07	.28				88	2	.06	.28									
	91	3	33	.04	Tr				91	3	.06	.21									

CALERA MINING CO. Log of DDH U-74-68 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 18,705 N BEARING S46 W

2025 E

ELEVATION 7420+ INCLINATION ±0°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO.	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP CLASS	GP ASSAY
	5	5	28	.02	.30																
	10	5	60	.02	.13																
	15	5	100	.03	.15																
	16	1	100	1.65	.06										G						
	20	4	100	Tr	.02																
	25	5	100	09	.35																
	26½	1½	87	Tr	Tr																
	29	2½	100	Tr	.02																
	30½	1½	93	.03	.30										G						
	32	1½	100	.06	.38																
	33½	1½	100	.03	Tr																
	35	1½	100	.02	.21																
X	36.7	1.7	100	.25	.23																
	40½	3.8	97	.03	.07																
	42	1½	100	.10	.19																
	48½	6½	100	.06	.14																
	54½	6	100	.04	.49																
	60½	6	100	.05	.07																
	66½	6	100	.02	.09																
	72½	6	100	.02	.02																
	78½	6	100	.09	.14																
	84½	6	100	.03	.12																
	90½	6	100	.04	.24																
	97	6½	100	.01	.12																

CALERA MINING CO. Log of DDH U-74-69 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 17,763N BEARING N19E

19,61 E

ELEVATION 7420+ INCLINATION ±0°

CORE							SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	5	5	60	.03	.21																
	6	1	60	.04	1.42																
	8	2	60	.05	1.19																
	13½	5½	45	.02	.23																
	19	5½	91	.09	.07																
	25	6	83	.08	.10																
	31	6	75	.06	.21																
	36½	5½	100	.10	.43																
	42	5½	100	.10	.42																
	47½	5½	82	.06	.43																
	53	5½	73	.04	.56																
	58½	5½	73	.03	.29																
	64	5½	73	.10	.34																
	67	3	33	.07	.82				67						F		67				
	69	2	25	1.70	.81				69	2	.09	2.03			F		69	2	.194	1.92	
	74	5	4	.34	1.38		0.616		74	5	.19	1.94					74	5	.192	1.932	0.411
	79	5	10	.98	.58		Co		79	5	.13	1.22		0.33			79	5	.161	1.197	Co
	85	6	20	.20	1.22				85	6	.35	2.14		Co			85	6	.339	2.073	1.704
	88	3	43	.55	1.77																
	90	2	45	3.94	9.12				90	5	.59	.31					90	5	.798	1.007	Co
	92	2	25	2.85	6.88		2.021		92	2	.75	4.33		1.49			92	2	.939	4.559	
	97	5	18	.01	.18		Cu		97	5	.73	1.89		Cu			97	5	.683	1.779	
									101	4	.28	1.25									
	105	8	4	.18	2.90				105	4	.26	1.14					105	8	.269	1.219	
	108	3	33	.06	.41				108	3	.14	.67					108	3	.130	1.386	
	111	3	5	.04	.30				111	3	.15	.97					111	3	.148	.958	
	114	3	23	.24	4.24				114	3	.18	1.07					114	3	.185	1.332	
	118	4	8	.09	.19				118	4	.08	.48									

CALERA MINING CO. Log of DDH U-74-69 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 17,763 N. BEARING N.19E

1961 E

ELEVATION 7420+ INCLINATION ±0°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO.	% CO	GP CLASS	GP ASSAY
	118								118													
									122	4	.08	.58										
	126	8	5	.07	.09				126	4	.07	.63										
	131	5	4	.05	.24				131	5	.06	.58										

CALERA MINING CO. Log of DDH U-74-70 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 18,694N BEARING N 45 E

2058 E

ELEVATION 7420± INCLINATION ±0°

CORE								SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	5	5	68	Tr	.08																
	10	5	44	.01	.10																
	11	1	90	.18	5.67																
	15	4	100	.10	.65																
	18½	3½	94	.03	.54																
	22	3½	91	.14	.61										G						
	23	1	100	.05	.61										F?						
	31	8	20	.08	.43																
	40	9	20	.17	3.15																
	45	5	100	.02	.18										F						
	50	5	100	.02	.33																
	55½	5½	100	.04	.31										F						
	60½	5	100	.01	.14										F						
	65	4½	100	.15	.67										F						
	67½	2½	100	.33	.95										F						
	73	5½	100	2.87	10.10		1.642 Co														
	76	3	100	.11	.68																
	78	2	100	.08	.37																
	79	1	100	.14	.66		3.663 Cu.														
	82½	3½	100	.81	.93																
	83½	1	100	3.93	3.77																
	87	3½	100	.47	.82																
	88	1	100	3.08	9.35																
	93	5	100	3.45	4.39										F F						
	95½	2½	100	.25	.75										F						
	101	5½	100	.22	.32																
	104½	3½	100	.05	.58																

CALERA MINING CO. Log of DDH U-74-70 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 18,694 N BEARING N45E

2,058 E

ELEVATION 7420+ INCLINATION ±0°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
X	108½	4	100	.21	.58																
	112½	4	100	.07	.26																
	117½	5	100	.43	.90																
	120	2½	100	.02	.14																
X	125	5	100	.11	.88										F						
	130	5	100	.02	.02																
	134	4	100	.07	.15																
	136½	2½	100	.09	.28																
X	141½	5	100	.09	.07																
	145½	4	100	.02	.15																
X	148½	3	83	.05	1.02										F						
	149½	1	80	.08	.07																
	155½	6	83	.04	.15																

CALERA MINING CO. Log of DDH U-74-71 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 17,581 N BEARING S69W

3,051 E

ELEVATION 7410 + INCLINATION ±0°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	1	1	70	Tr	.02																
	5	4	100	Tr	.01																
	9	4	100	Tr	Tr																
	14	5	90	.03	.12																
	19	5	50	Tr	.04																
	22	3	67	.16	.02																
X	24	2	75	.23	.25																
	29	5	20	.25	2.42										F						
	34	5	80	.02	.04																
	38	4	75	.03	.02																
	43	5	50	.04	.03																
	48	5	46	Tr	Tr																
	54	6	42	.04	.01																
	59	5	34	Tr	Tr																
	62	3	57	.06	.07																
	64	2	65	.10	.08																
	70	6	67	Tr	Tr																
	76	6	54	Tr	Tr										Br						
	80	4	62	.03	Tr				80												
	86	6	45	.08	.05				86	6	.07	.09			F						
	89	3	7	.08	.05				89	3	.06	.03									
									92	3	.16	.09									
	94	5	8	.02	.05				94	2	.12	.03									
	100	6	33	Tr	.02				100	6	.07	.08			F						
	103	3	50	.02	.02				103	3	Lost				F						
	106	3	67	.02	.02				106	3	.03	.06									
	108	2	0	—	—				108	2	.07	.08									

CALERA MINING CO. Log of DDH U-74-71 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 17,581 N. BEARING S69W.

3,051 E

ELEVATION 7410+ INCLINATION ±0°

CORE									SLUDGE							COMBINED							
CLASS	DEPTH 108	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH 108	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
	114	6	83	.04	.39					114	6	.06	.29									
	117	3	50	.13	.08					118	4	.06	.13			F						
	123	6	67	.79	3.01			All .044														
	124	1	60	.08	Tr											D						
	127	3	77	.03	.50											F						
	131	4	75	.04	.31																	
	136	5	50	.05	.07																	
	141	5	76	.02	.03																	
	145	4	55	.03	.04																	
	151	6	40	.08	.13																	
	157	6	42	.03	.15											F						
	162	5	50	.02	.10											D						
	168	6	40	.01	.10																	

CALERA MINING CO. Log of DDH U-74-72 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 18745 N BEARING N 44 E

1984 E

ELEVATION 7420' INCLINATION ±0°

CORE							SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	4	4	87	.05	.21																
	9½	5½	73	.06	.34																
	13½	4	100	.09	.33																
	17½	4	100	.05	.02										F						
	21	3½	100	.03	.03																
	26	5	100	.05	.14																
	29	3	80	.07	.15										F						
X	31	2	80	.22	.69										F						
	33	2	100	.45	2.68																
	35	2	100	.05	.04																
	40	5	100	.08	.29																
	45	5	100	.04	.14																
	49	4	100	.01	.05																
	53	4	100	.08	.11																
X	55½	2½	100	.14	.42																
	60½	5	100	1.62	2.74		0.83% Co								F						
	65½	5	100	.83	1.57																
	72	6½	100	1.42	4.51																
	75	3	100	.05	.17		2.37% Cu.														
X	80½	5½	100	.26	.69																
	85	4½	100	.34	1.89										F						
	91	6	100	.08	.26																
	97	6	100	.03	.03																
	103½	6½	92	.05	.15																

CALERA MINING CO. Log of DDH U-74-73 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 18,568 N BEARING N 40E

22 30 E

ELEVATION 7420 + INCLINATION ± 0°

CORE CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY		SLUDGE CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	COMBINED CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	4½	4½	67	.14	.02																	
	9	4½	56	.07	.42																	
	13½	4½	89	.06	.21																	
	18	4½	78	.1	—																	
	24	6	80	.04	Tr											F's						
	30	6	83	.02	.21																	
	36	6	100	.01	Tr																	
	42	6	83	.08	.10																	
	48	6	67	.01	.03																	
	54	6	58	.05	.06																	
	59	5	60	.01	.09																	
	61	2	75	.04	.49																	
	64½	3½	57	1.34	.86		0.845 Co									F						61'
	67½	3	63	.05	.02		1.344 Cu															
	72½	5	36	.32	.60			0.768 Co														
	77½	5	100	1.50	3.22											F?						0.629 Co
	80½	3	100	.05	.04		0.126 Co															
	84	3½	86	.14	.02		0.087 Cu									F D						
X	88	4	100	.17	.18			1.392 Cu														1.202 Cu
	91½	3½	100	1.45	.60		1.101 Co															
	94½	3	100	1.37	2.39																	
	100½	6	100	1.28	2.90		2.271 Cu															
	102	1½	100	2.47	5.10																	
	104½	2½	92	.24	.95											F						
X	106½	2	100	.32	.20		0.274 Co															
X	110	3½	48	.19	.91		0.717 Cu															
X	112½	2½	92	.19	.29																	

CALERA MINING CO. Log of DDH U-74-73 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 18,568N BEARING N48E

2,230E

ELEVATION 7420' INCLINATION ±0°

CORE								SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	117	4½	100	.37	.22																
	121½	4½	78	.27	1.53										F						
	126	4½	100	.06	.07										F						
X	128	2	100	.15	.45																
	133	5	100	.06	.10																
	134	1	160	.24	1.41										F						
X	137½	3½	83	.18	1.03										F						
	141	3½	100	.05	Tr										F Zone						
	145	4	100	—	—																
	146½	1½	75	.01	Tr										F Zone						
	150	3½	9	.11	Tr				150												
	155	5	8	.02	.09				155	5	.07	.23									

121½'

CALERA MINING CO. Log of DDH U-74-75 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 17,677 N BEARING S 71 W

3,013½ E

ELEVATION 7410 INCLINATION +10°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	3½	3½	43	.01	Tr																
	8	4½	89	Tr.	Tr.																
	13	5	100	.05	.03																
	18	5	80	.03	Tr.																
	23	5	80	.04	Tr.																
	28½	5½	67	Tr.	Tr.																
	34	5½	82	Tr.	.10																
	37	3	73	Tr.	.05																
	42	5	60	Tr.	Tr.																
	47	5	70	.07	.15				47	5											
	52	5	16	.09	.11				52	5	.05	.06									
	57	5	30	.11	.03				57	5	.67	.70									
	62	5	44	.03	.11										F						
	66	4	50	.02	Tr.				66	4											
	70	4	5	.01	.05				70	4	.11	.10									
	74	4	38	.03	.04				74	4											
	77	3	7	Tr.	Tr.				77	3	.09	.09									
X	80	3	75	.38	.05										D						
	86	6	42	.01	Tr.																
	87½	1½	53	1.29	.27																
	92	4½	85	.03	.12																
	96	4	40	.07	.07										D						
	100	4	50	.52	.10				100												
	103	3	13	.82	.04			X	103	3	.24	.22									
	107	4	10	.06	Tr.				107	4	.14	.10									
									110	3	.09	.12			F?						
	112	5	20	.05	.05																

CALERA MINING CO. Log of DDH U-74-75

BLACKBIRD MINE COORDINATES 17,677N BEARING S71W

3,013½E

ELEVATION 7410 INCLINATION +10°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	112																				
X	115	3	50	.10	1.16				115												
	120	5	14	.02	.22				120	5	.13	.04									
	123	3	64	.02	.22										D						
	126½	3½	57	.11	.10										F						
	132	5½	55	.75	.38										~~D~~						
	135½	3½	71	.12	.07										D						
	139	3½	96	.03	.31																
	142	3	100	.04	.75																
	145	3	67	.01	.10																
	148	3	83	.02	.15																

CALERA MINING CO. Log of DDH U-74-77 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 18,762 N BEARING N15W

1,957 E

ELEVATION 7400 ON INCLINATION -70°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
	5	5	70	.08	.17																	
	10	5	80	.07	.22																	
	15	5	70	.04	.13																	
	20	5	80	.01	.10																	
	25	5	50	.04	.10																	
	30	5	100	.10	.46																	
	35	5	90	.10	.34			F														
	40	5	90	.08	.26																	
	45	5	90	.05	.18			F F														
	50	5	90	.04	.27			F F														
	55	5	90	.04	.07																	
	60	5	90	.05	.24			G														
	65	5	90	.02	.16																	
X	70	5	90	.05	1.54			G														
	75	5	90	.04	.40			F D														
X	78	3	100	.10	.84			F F														
	80	2	90	.14	5.06																	
	83½	3½	74	.10	.26																	
	88	4½	88	.02	.21			F														
	92½	4½	78	.05	.09																	
	94½	2	90	.05	.31																	
	97½	3	100	1.19	4.90		0.785 CO	G F?														
	100	2½	80	.30	1.64		3.418 Cu.															
	103	3	87	.08	.52			F?														
X	108½	5½	86	.13	.83																	
	113	4½	87	.05	.51			F														
	117	4	87	.02	.16			F														

CALERA MINING CO. Log of DDH U-74-77 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 18,762N BEARING N5W.
19 57E

ELEVATION 7400 ON. INCLINATION ±0°

CORE									SLUDGE								COMBINED							
CLASS	DEPTH 117	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
X	119	2	85	.05	1.36																		
	122	3	87	Tr.	.64																		
	127	5	86	.02	.34			F															
	131½	4½	87	.03	.55																		
	136	3½	89	.01	.09																		
	140	4	100	.10	.20																		
	145	5	100	Tr.	.05																		
	150	5	90	.06	.23																		
X	154	4	88	.19	.45																		
	160	6	100	.02	.02																		
	166	6	100	.01	.14																		
	172	6	100	Tr.	.13																		
	178	6	100	.01	.88																		
X	184	6	59	.03	1.38																		
X	190	6	50	.21	1.03																		
	196	6	67	.04	.77																		

CALERA MINING CO. Log of DDH U-74-78 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 18,587 N BEARING S42W

2,193 E

ELEVATION 7400 D.N. INCLINATION ±0°

CORE									SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	5	5	60	.02	.03			D															
	9	4	20	.06	.03																		
	14	5	100	.04	.10			F F															
	19	5	100	.08	.09																		
X	24	5	100	.25	.38																		
	29½	5½	100	.02	.15			F															
	35	5½	100	.02	.07																		
	40	5	100	Tr.	Tr.																		
	43	3	100	.03	.05																		
X	46	3	84	.11	.68																		
	49	3	84	.15	.29																		
	54½	5½	85	.05	.42			F															
	60	5½	85	.04	.08			F															
	65½	5½	85	.05	.29																		
	71	5½	85	.19	.08																		
	75	4	90	Tr.	Tr.																		
	80	5	90	.03	Tr.																		
	85	5	90	.02	Tr.																		
	90	5	48	.03	.18																		
	95	5	44	Tr.	Tr.			F															
	110	5	20	.02	.15																		
	105	5	20	.03	.04																		
	109	4	30	.03	.05																		
	111	2	80	.03	.08																		
	114½	3½	77	.52	1.65					114½													
	119½	5	54	.07	.19				X	119½	5	.16	.64										
	122	2½	52	.02	.18					122	2½	.09	.27										

CALERA MINING CO. Log of DDH U-74-78 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 18,587 N BEARING S42 W.
2,193 E

ELEVATION 7400 DN INCLINATION ±0°

CORE									SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
	129½	2½	36	.07	.06					129½													
	130	5½	46	.07	Tr.					130	5½	.10	.46										

CALERA MINING CO. Log of DDH U-74-79 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 17,684 N. BEARING N65½°W.

3,008 E.

ELEVATION 7400 D.N. INCLINATION ±0°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	5½	3½	89	Tr.	Tr.																
	7	3½	89	Tr.	Tr.																
	10½	3½	89	Tr.	Tr.																
	14	3½	89	Tr.	Tr.																
	17½	3½	89	Tr.	Tr.																
	21	3½	89	Tr.	.08																
	24½	3½	89	Tr.	Tr.																
	30	5½	89	Tr.	Tr.																
	35	5	90	.02	Tr.																
	40	5	90	.07	Tr.																
	45	5	90	Tr.	Tr.																
	49	4	85	Tr.	Tr.																
	54	5	84	Tr.	.21			G													
	59	5	84	.03	.09																
	64	5	84	Tr.	Tr.																
	69	5	50	Tr.	Tr.																
	74½	5½	49	.02	.02																
	80	5½	49	.06	.54			F													
	85½	5½	49	Tr.	Tr.																
	91	5½	49	.11	.05			G Br													
	96½	5½	49	.48	.02			G Br													
	102	5½	49	.11	Tr.			F													
	107	5	50	.02	Tr.																
	112	5	70	.03	Tr.			F													
	117	5	50																		
	122	5	60	.01	Tr.																
	127	5	50	Tr.	Tr.																

CALERA MINING CO. Log of DDH U-74-79 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 17,684 N BEARING N65½°W

3,008 E

ELEVATION 7400 DN. INCLINATION ±0°

CORE									SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
	127																							
	132½	5½	49	.01	.04																			
	137	4½	60	.04	.07			D																
	139	2	65	.08	.02																			
	141	2	70	.71	.82																			
	149	3	73	.05	.28																			
	146	2	75	.05	.69																			
	148	2	75	.08	.65																			
	151	3	73	.01	Tr.																			
	155	4	73	.13	.60																			
	158	3	73	Tr.	Tr.																			
	162	4	73	Tr.	Tr.																			
	166	4	73	Tr.	Tr.																			

CALERA MINING CO. Log of DDH U-74-80 Sheet 1 of 5

BLACKBIRD MINE COORDINATES 18,553 N BEARING N50E

2,267 E

ELEVATION 7400 N INCLINATION ±0°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	1	1	50	.02	.02																		
	4½	3½	86	.05	Tr.																		
	8	3½	72	.04	Tr.																		
	11½	3½	57	.02	Tr.																		
	15	3½	86	.01	.04			Br															
	18½	3½	86	.05	Tr.																		
	22	3½	86	.03	.03			Br															
	25½	3½	86	Tr.	Tr.			Br															
	29	3½	86	Tr.	Tr.			F?															
	32½	3½	86	.03	.05																		
	36	3½	86	.04	Tr.																		
	39½	3½	86	Tr.	Tr.																		
	43	3½	86	Tr.	Tr.																		
	46½	3½	86	.01	.04																		
	50	3½	86	.05	.09																		
	53½	3½	29	Tr.	Tr.			G															
	57	3½	100	.04	.47			Br															
	60	3	100	Tr.	Tr.																		
	63	3	50	.09	.16																		
	65½	2½	80	.02	.19																		
	67	1½	100	.20	4.81																		
	69	2	100	.41	4.01		0.475 CO																
	72	3	100	.42	.12		1.943 Cu																
	75½	3½	100	.62	1.30																		
	77	1½	100	.13	.08			D															
	80	3	100	.47	.78																		
	82½	2½	100	.77	4.17																		

CALERA MINING CO. Log of DDH U-74-80 Sheet 2 of 5

BLACKBIRD MINE COORDINATES 18,553 N BEARING N 50 E

2,267 E

ELEVATION 7,400 DN. INCLINATION ±0°

CORE									SLUDGE								COMBINED						
CLASS	DEPTH 82½-	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	83	½	100	.26	.49																		
	88	5	50	.17	.89			D															
	91	3	100	.14	.41			D															
	94	3	100	.17	1.66																		
	97	3	100	.10	.91																		
	99	2	100	.09	.09			D															
	102	3	100	.11	.74			Br															
	105	3	100	.67	5.10		0.686 Co																
	108	3	100	.56	2.92		4.479 Cu.																
	111	3	100	.38	4.16																		
	113½	2½	100	1.77	8.18			F															
	116½	3	84	.56	2.65																		
	120	3½	72	.13	.12																		
	123	3	67	.05	.15																		
	125	2	25	.05	.22			G															
	126	1	90	.16	.55			F															
	129	3	60	.45	2.73		0.515 Co																
	133	4	70	.22	.96		2.824 Cu.																
	137	4	95	.86	4.51																		
	140	3	93	.23	.48			F?															
	143	3	93	.23	.32		0.217 Co																
	144	1	80	.47	.57																		
	147	3	90	.11	2.70		0.734 Cu																
	151	4	100	.01	.05			F															
	155	4	75	.43	.56																		
	159	4	50	.21	.66			F															
	169	5	60	.06	.25																		

CALERA MINING CO. Log of DDH U-74-80 Sheet 3 of 5

BLACKBIRD MINE COORDINATES 18,553 N BEARING N 50 E

2,267 E

ELEVATION 7,400 DN. INCLINATION ±0°

CORE							SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	164																				
	169	5	70	.04	.25			G													
	174	5	34	.09	.12																
X	176½	2½	32	.26	.41			F													
	179	2½	32	.63	.29																
	184	5	70	Tr.	Tr.			~~F~~													
	189	5	70	.01	.02																
	194	5	90	Tr.	.03																
	197½	3½	57	Tr.	Tr.																
X	200	2½	72	.23	.08			D													
	204	4	75	.01	Tr.																
	209	5	60	Tr.	Tr.			~~D~~													
	214	5	70	.04	.03			~~F?~~													
	219	5	60	.05	.32																
	225	6	33	Tr.	Tr.			F													
	229	4	25	Tr.	Tr.																
	233	4	35	Tr.	Tr.			~~G~~													
	238	5	30	.07	.34																
	243	5	70	.11	.23																
	248	5	90	.10	.08																
	253	5	100	.11	.31																
	258	5	60	.07	.07																
	263	5	100	.03	.04			~~D~~													
	268	5	100	.01	Tr.																
	273	5	80	.03	.05																
	277	4	75	Tr.	Tr.			~~F~~													
	282	5	80	Tr.	Tr.			~~F?~~													
	287	5	90	Tr.	Tr.																

CALERA MINING CO. Log of DDH U-74-80 Sheet 4 of 5

BLACKBIRD MINE COORDINATES 18,553 N BEARING N50E

2,267 E

ELEVATION 7,400 DN. INCLINATION ±0°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO.	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
	287																						
	292	5	70	.05	.05																		
	297	5	90	Tr.	Tr.																		
	301	4	50	Tr.	Tr.																		
	306	5	84	Tr.	Tr.			D															
	311	5	60	.10	Tr.																		
	316	5	4	.37	1.58																		
	321	5	80	Tr.	Tr.			F															
	326	5	80	Tr.	Tr.			Br. F															
	331	5	80	.04	Tr.																		
	336	5	58	.05	.13																		
	340½	4½	55	.05	.21																		
	343	2½	88	.58	2.28																		
	347	4	63	.05	.07																		
X	348	1	80	.15	.74																		
	351	3	84	.02	.13																		
	357	6	84	.01	Tr.																		
	362	5	60	.04	Tr.																		
	367	5	70	.06	.07																		
	372	5	70	.05	.64																		
	377	5	80	.01	.13			F F															
X	382	5	80	.05	1.03			F															
	387	5	80	.05	.29			S															
	392	5	80	.08	.03			S															
	397	5	100	.13	.13																		
	402	5	70	.05	.08			F															
	407	5	80	.02	.02			Br															
	412	5	90	.08	Tr.																		

CALERA MINING CO. Log of DDH U-74-80 Sheet 5 of 5

BLACKBIRD MINE COORDINATES 18,553 N BEARING N50E

2,267 E

ELEVATION 7400 DN INCLINATION ±0°

CORE									SLUDGE							COMBINED							
CLASS	DEPTH 412	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
	414	2	90	.01	.05			F														
	417	3	100	.02	Tr.																	
	422	5	90	.01	Tr.																	
	427	5	80	Tr.	Tr.			G														
	432	5	80	.01	Tr.																	
	437	5	50	.02	Tr.			F														
	442	5	60	.05	.04			F														
	447	5	70	Tr.	Tr.																	
	452	5	80	Tr.	Tr.																	
	457	5	90	.03	.07			F														
	462	5	90	Tr.	.02																	
	467	5	90	.03	.01			F														
	472	5	90	.08	Tr.																	
	477	5	90	.06	.04																	
	482	5	90	.01	.07																	
	487	5	90	.02	.03																	
	492	5	60	Tr.	Tr.																	
	497	5	70	.05	Tr.			F														
	502	5	60	Tr.	Tr.																	

CALERA MINING CO. Log of DDH U-74-81 Sheet 1 of 3

BLACKBIRD MINE COORDINATES 18,432 N BEARING N46E

2,417 E

ELEVATION 7400 D.N. INCLINATION ±0°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO.	% CO	GP CLASS	GP ASSAY
	5	5	10	.01	Tr.			G														
	10	5	40	.03	.15																	
	15	5	30	.09	.33																	
	19	4	75	.04	.07			F?														
	22	3	50	.03	.01																	
	26	4	63	.05	.03																	
	30	4	63	.09	.36																	
	32½	2½	80	.02	.03																	
	37½	5	50	.02	.04																	
	40½	3	30	.07	.23			G														
	44½	4	25	.03	.34																	
X	50½	6	38	.26	.81																	
	54½	4	63	.06	.01			G														
X	58½	4	75	.29	.14			D														
	60½	2	100	.09	.23																	
	65½	5	50	.31	.84																	
	67½	2	90	1.00	.08		0.398 Co															
	70½	3	100	.17	.13																	
	73½	3	100	.24	1.90		1.018 Cu															
	76	2½	100	.05	.29																	
	79	3	100	.62	3.21			Br														
	82	3	100	.51	1.19																	
X	85	3	100	.14	.23																	
	87	2	100	.05	.11																	
	89	2	100	.81	1.27			D														
	93	4	100	.03	.01																	
	95	2	100	.03	.07			D														

CALERA MINING CO. Log of DDH U-74-81 Sheet 2 of 3

BLACKBIRD MINE COORDINATES 18,432 N BEARING N46E

2,417 E

ELEVATION 2400 D.N. INCLINATION ±0°

CORE							SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	98	3	100	.01	.04																
	101	3	100	.03	Tr.			D?													
	103	2	100	.02	.05																
	106	3	100	.01	Tr.																
	109	3	100	.07	.22																
	112	3	100	Tr.	Tr.																
	114	2	100	Tr.	Tr.																
	118	4	75	Tr.	Tr.																
	121	3	84	.06	Tr.			D													
	124½	3½	86	.09	Tr.																
	127	2½	80	Tr.	Tr.																
	132	5	90	Tr.	Tr.																
	137	5	80	.02	Tr.			F?													
	142	5	90	.04	Tr.			~~E~~ F													
	145	3	100	.02	Tr.																
	146½	1½	100	.26	1.58																
	148	1½	87	.30	.12			D													
	152	4	100	.06	.23																
	156	4	100	.09	.11																
	159	3	77	.72	.24		1.052 CO														
	161	2	75	1.55	.31		0.228 Cu														
	163	2	100	.03	.07																
	167½	4½	82	.01	Tr.																
	173	5½	73	.02	.09			F?													
	178	5	60	.02	Tr.																
	180½	2½	88	.04	Tr.			F?													
	183	2½	52	.04	.02																

CALERA MINING CO. Log of DDH U-74-81

BLACKBIRD MINE COORDINATES 18,432 N BEARING N46E

2,417 E

ELEVATION 7400 D.N. INCLINATION ±0°

CORE									SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
X	183																							
	185½	2½	80	.20	.82																			
	187	1½	80	.03	.01																			
	192	5	80	.03	.05			D																
								D																
	197	5	80	.03	Tr.																			
	200½	3½	86	Tr.	Tr.																			
	209+	4	75	Tr.	Tr.			D																
								F																
	209	4½	100	.15	Tr.																			
	213½	4½	100	.16	.02																			
	218½	5	100	.12	.04																			
	222	3½	80	.01	.07																			
	226	4	80	.01	Tr																			

CALERA MINING CO.
BLACKBIRD MINE

Log of DDH U-74-82

Sheet 1 of 5

COORDINATES 18,400 N
3672 E

BEARING N 57 E

ELEVATION 7415+

INCLINATION ±0°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO.	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO.	% CO	GP CLASS	GP. ASSAY
	1	1	50	.02	Tr																	
	3	2	90	.02	.23																	
	8	5	90	.03	.22																	
	9½	1½	100	.01	.04																	
	11	1½	100	.71	.97																	
	13	2	70	Tr	.07																	
	16	3	50	.06	.18																	
	18	2	100	.01	Tr																	
	21	3	73	.03	.20																	
	23½	2½	80	Tr	Tr																	
	26	2½	80	.01	.04																	
	29	3	87	Tr	Tr																	
	33	4	78	Tr	Tr																	
	35½	2½	84	Tr	Tr																	
	38	2½	80	Tr	Tr																	
	40½	2½	76	Tr	Tr																	
	43	2½	76	Tr	Tr																	
	45½	2½	77	Tr	Tr																	
	48	2½	77	Tr	Tr																	
	50½	2½	84	Tr	Tr																	
	53	2½	84	Tr	Tr																	
	55½	2½	80	Tr	Tr																	
	58	2½	80	Tr	Tr																	
	60½	2½	100	.08	.96																	
X	63	2½	100	.27	.09																	
	65½	2½	96	Tr	.08																	
	68½	3	97	.01	.03																	

CALERA MINING CO. Log of DDH U-74-82

BLACKBIRD MINE COORDINATES 18,400N BEARING N57E

3672E

ELEVATION 7415± INCLINATION ±0°

CORE								SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	68½																				
X	71½	3	97	.22	.51																
	73	2½	80	Tr	.12																
	75½	2½	80	Tr	Tr																
	78	2½	64	.03	Tr																
	81	3	63	Tr	.02																
	83½	2½	72	.03	.02																
	86	2½	72	Tr	.19																
	88½	2½	92	.03	.01																
	91	2½	88	Tr	Tr																
	93½	2½	96	.05	Tr																
	96	2½	96	.01	Tr																
	98	2	100	Tr	.01																
	100	2	100	.01	Tr																
	103	3	53	Tr	Tr																
	105½	2½	92	.06	2.49																
	109	3½	54	.02	.04																
	110½	1½	60	—	—										D						
	112½	2	90	Tr	.02																
	114	1½	93	Tr	Tr																
	116½	2½	84	Tr	Tr																
	119	2½	84	Tr	Tr										F?						
	121½	2½	92	Tr	Tr																
	124	2½	92	Tr	Tr																
	126½	2½	96	Tr	Tr																
	129	2½	96	Tr	Tr																
	131½	2½	96	Tr	Tr																
	134	2½	96	Tr	Tr										F?						

CALERA MINING CO. Log of DDH U-74-82 Sheet 3 of 5

BLACKBIRD MINE COORDINATES 18,400N BEARING N.57E

3672E

ELEVATION 7415+ INCLINATION ±0°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH 134	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	136½	2½	100	Tr	Tr																
	139	2½	100	Tr	Tr																
	141	2	95	Tr	Tr																
	144½	3½	57	.01	Tr																
	147	2½	80	Tr	Tr																
	150	3	—	.05	Tr																
	152½	2½	84	.02	Tr																
	153½	1	90	Tr	Tr																
	156	2½	96	.07	Tr																
	158½	2½	96	Tr	Tr																
	161½	3	67	.03	.07																
	164	2½	—	Tr	Tr																
	166½	2½	—	Tr	Tr																
	168½	2	85	Tr	Tr																
	172½	4	75	.09	.20																
	175	2½	84	.08	.61																
	177	2	100	.95	1.10										F						
	179	2	100	.09	Tr																
	181	2	100	.08	.55																
	184½	3½	80	1.69	2.07																
X	186	1½	93	.20	.67										F						
	188½	2½	96	.04	.02																
	191	2½	80	.06	.03										F						
	193	2	95	.02	.05										F						
	195	2	100	.06	.04																
	197½	2½	96	Tr	Tr																
	200	2½	96	.10	.18																

CALERA MINING CO. Log of DDH U-74-82

BLACKBIRD MINE COORDINATES 18,400 N. 3672 E BEARING N57E

ELEVATION 7415+ INCLINATION ±0°

CORE							SLUDGE							COMBINED							
CLASS	DEPTH 200	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
	203	3	97	.02	.03																
	205½	2½	84	Tr	Tr																
	208	2½	84	Tr	Tr																
	210	2	90	Tr	Tr																
	211½	1½	67	Tr	Tr										G						
	212½	1	80	Tr	Tr																
	215	2½	96	Tr	Tr																
	218	3	100	Tr	Tr																
	220½	2½	88	Tr	Tr										F						
	223	2½	88	Tr	Tr																
	226	3	93	Tr	Tr																
	230	4	70	.02	.02										F Zone						
	233½	3½	89	.03	Tr																
	237½	4	55	—	—																
	239	1½	—	.03	Tr										D						
	241½	2½	96	Tr	.04																
	244	2½	96	Tr	Tr																
	247½	3½	86	Tr	Tr																
	251	3½	86	.01	Tr																
	255	4	100	Tr	Tr																
	257	2	100	Tr	Tr																
	260	3	87	Tr	Tr																
	262½	2½	96	Tr	.02										D						
	263	½	100	.04	.05																
	266	3	100	Tr	Tr																
	269	3	100	Tr	Tr																
	273	4	98	.01	Tr										D						

CALERA MINING CO. Log of DDH U-74-82 Sheet 5 of 5

BLACKBIRD MINE COORDINATES 18,400N. BEARING N57E

3,672E

ELEVATION 7415+ INCLINATION ±0°

CORE									SLUDGE								COMBINED							
CLASS	DEPTH 273	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	274	1	80	Tr	Tr																		
	276	2	100	Tr	Tr																		
	279½	3½	100	Tr	Tr																		
	282	2½	—	Tr	Tr																		
	286	4	95	Tr	.03																		
	290	4	100	.01	.12																		
	294	4	100	Tr	Tr																		
	299	5	100	Tr	Tr																		
	304	5	100	Tr	Tr																		

CALERA MINING CO. Log of DDH U-74-83 Sheet 1 of 4

BLACKBIRD MINE COORDINATES 18,403 N BEARING N.28E

3,668 E

ELEVATION 7415' INCLINATION ±0°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO.	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO - % CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP CLASS	GP ASSAY
	1	1	100	.01	.34															
	2½	1½	87	.06	Tr															
X	4½	2	100	.12	.76															
	7	2½	88	Tr	Tr															
	9½	2½	96	Tr	.04															
	10	½	100	Tr	.43															
	11	1	100	Tr	.03															
	12	1	100	.63	.23															
	15	3	97	.03	.14															
	17½	2½	96	Tr	Tr															
	19½	2	85	.03	.99															
	21	1½	80	Tr	.03															
	23	2	—	Tr	Tr															
	25	2	100	Tr	.01															
	27	2	100	Tr	.02															
	30	3	90	Tr	Tr									F						
	32½	2½	100	Tr	Tr															
	35	2½	100	.01	Tr															
	37	2	85	.01	.02															
	39½	2½	100	.06	.60															
X	42	2½	100	.06	1.14															
	44½	2½	100	Tr	Tr															
	47	2½	100	.08	.38															
	49½	2½	100	Tr	.03															
	52	2½	100	Tr	Tr															
	54½	2½	100	Tr	Tr															
	57	2½	100	.03	.09															

CALERA MINING CO. Log of DDH U-74-83 Sheet 2 of 4

BLACKBIRD MINE COORDINATES 18,403 N. 3,668 E BEARING N28E

ELEVATION 7415+ INCLINATION ±0°

CORE						SLUDGE							COMBINED						
CLASS	DEPTH 57	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	59	2	100	—	—																
	61	2	100	Tr	Tr																
	63½	2½	100	Tr	Tr																
	66	2½	96	Tr	Tr																
	69	3	97	Tr	Tr										F						
	71½	2½	96	Tr	.06																
	74	2½	96	.11	.14																
	76	2	100	.07	Tr																
	79	3	93	.04	Tr																
	82	3	87	.04	.05																
	84	2	100	Tr	Tr																
	86	2	100	.08	.19																
	89	3	100	Tr	Tr																
	92½	3½	94	Tr	.03																
	95	2½	96	.02	Tr										D						
	97	2	100	.05	.15																
	100	3	93	Tr	Tr																
	103	3	97	.01	Tr																
	106	3	100	.09	.08										D						
	108	2	90	Tr	Tr										D						
	110	2	95	Tr	Tr																
	112½	2½	100	Tr	Tr																
	115	2½	96	Tr	Tr																
	117	2	100	Tr	Tr																
	119½	2½	96	Tr	Tr																
	122	2½	92	Tr	Tr																
X	124	2	95	.35	.07																

CALERA MINING CO. Log of DDH U-74-83 Sheet 3 of 4

BLACKBIRD MINE COORDINATES 18,403 N. 3,668 E BEARING N28E

ELEVATION 7415+ INCLINATION ±0°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	124																				
	126½	2½	100	.03	.13																
	129	2½	96	Tr	Tr																
	131	2	100	Tr	Tr																
	133	2	100	Tr	Tr																
	135	2	90	Tr	Tr																
	137	2	80	Tr	Tr																
X	139	2	85	.11	.51										S						
	142	3	93	.58	.45		0.44 CO														
	145	3	90	.40	.05		0.323 Cu														
	148	3	97	.34	.47																
X	151	3	100	.22	.27																
	154	3	100	.05	.17																
	157	3	67	.01	.54																
	159	2	100	Tr	Tr																
	162	3	100	Tr	Tr																
	165	3	93	Tr	Tr																
	167½	2½	96	Tr	Tr																
	170	2½	96	.04	.04																
	172	2	90	Tr	Tr																
	174	2	100	Tr	Tr																
	176½	2½	96	Tr	Tr																
	179	2½	100	Tr	Tr																
	181	2	95	Tr	Tr																
	183	2	95	Tr	Tr																
	185	2	100	Tr	Tr																
	187½	2½	88	.09	.02																
	190	2½	92	Tr	Tr																

CALERA MINING CO. Log of DDH U-74-83 Sheet 4 of 4

BLACKBIRD MINE COORDINATES 18,403 N BEARING N.28 E.

3,668 E

ELEVATION 7415+ INCLINATION ±0°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	190																				
	192	2	100	Tr	Tr																
	194	2	100	Tr	Tr																
	197	3	87	Tr	Tr																
	199	2	95	Tr	.02										F						
	202½	3½	94	.02	Tr																
	207	4½	96	Tr	Tr																
	208½	1½	93	Tr	Tr										D						
	213	4½	98	Tr	Tr																
	217	4	95	Tr	Tr																
	221	4	93	Tr	Tr																
	225	4	93	Tr	Tr																
	227½	2½	100	Tr	Tr																
	230	2½	88	Tr	Tr																
	235	5	90	Tr	Tr																
	241	6	83	Tr	Tr										D F						
	244½	3½	94	.02	Tr																
	248	3½	100	Tr	Tr																
	251	3	100	Tr	Tr																
	253	2	100	Tr	Tr																

CALERA MINING CO. Log of DDH U-74-84 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 17,862½ N BEARING S64½ W.
2,936 E

ELEVATION 7414 INCLINATION 0°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
	3	3	70	.01	.04																
	6	3	23	Tr	Tr																
	9	3	33	Tr	Tr																
	11	2	85	.03	Tr										F						
X	14	3	60	.30 ~~.3~~	Tr																
	16	2	40	.01	.03																
	19	3	60	.04	.05																
	21	2	95	.01	Tr										F						
	24	3	60	.08	.03																
	26	2	100	.06	Tr																
	28½	2½	88	.04	Tr																
	31	2½	92	.43	.03																
X	32½	1½	100	.18	.18																
	34	1½	—	.49	1.90																
X	36½	2½	100	.17	.26																
	39	2½	96	.06	Tr																
	42½	3½	94	.06	.04																
	45	2½	98	.09	.18																
X	46	1	100	.26	.13										D						
	48	2	100	.06	Tr																
	50	2	100	.10	.11																
	51½	1½	87	.07	Tr										F						
	54	2½	100	.04	Tr																
	56	2	90	.05	.07																
	60	4	83	.03	Tr																
	62½	2½	92	Tr	Tr																
	65	2½	92	.02	.02																

CALERA MINING CO. Log of DDH U-74-84 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 17,862½ N BEARING S64½ W.
2,936 E

ELEVATION 7414 INCLINATION 0°

CORE							SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	65																				
	67½	2½	88	Tr	Tr																
	70	2½	84	.01	Tr																
	72½	2½	80	Tr	Tr																
	75	2½	80	.02	Tr																
	77	2	90	.01	.02																
	79	2	90	.01	Tr																
	82	3	33	.01	Tr																
	84	2	60	.03	Tr																
	87	3	57	.48	.14		0.871 CO														
	92	5	42	1.07	.08		0.102 CU														
X	97	5	46	.14	.52																
	126	29	47	Lost ?	?																
	130	4	100	.02	Tr										F						
X	135	5	72	.19	.10																
X	141	6	83	.25	Tr																
	145	4	65	.16	Tr																
	150	5	100	.03	.05																
	155	5	100	Tr	Tr																
	161	6	72	Tr	Tr																
	166	5	64	Tr	Tr																
	170	4	75	Tr	Tr										F						
	176	6	75	.02	.08										F						
	182	6	50	.02	.15																
	188	6	50	.04	.09										FQ						
															F						
	194	6	75	.01	.03										F						
	199½	5½	82	.01	Tr																
	202	2½	88	.03	.15																

CALERA MINING CO. Log of DDH U-74-85 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 18,686½ N BEARING N 37 E

2,065 E

ELEVATION 7425 INCLINATION +45

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP ASSAY
	2	2	95	.02	.75																
	5	3	92	.02	.07																
	9	4	93	.06	.19																
	13	4	80	.07	.27																
	18	5	76	.04	.37																
X	21½	3½	86	.17	.68																
	24	2½	100	.03	.17																
	27	3	97	.07	.26																
X	29	2	85	.08	.91																
	32	3	90	.04	.24																
	37	5	80	.06	.06																
	40	3	63	.76	2.35																
	43	3	97	2.57	8.38																
	43½	3½	80	2.34	6.62																
	48	4½	98	.80	1.81		0.884 Co														
	53	5	96	.04	.22																
	57	4	98	.01	.32																
	58½	2½	96	1.67	4.47		2.857 Cu														
	63½	4	98	.37	2.08																
	66	2½	76	2.38	4.97																
	70	4	57	.13	.32																
	71½	1½	60	.35	8.86																
	76	4½	73	.53	1.69																
	80	4	55	.01	.08																
	84	4	50	.47	1.78																
X	89	5	64	.18	.47																

CALERA MINING CO. Log of DDH U-74-86 Sheet 1 of 1

BLACKBIRD MINE COORDINATES 18,683 N. BEARING N37E

2,063 E

ELEVATION 7426 INCLINATION +78½

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO.	GP. CLASS	GP. ASSAY
	3	3	67	Tr	Tr																
	9	6	42	Tr	.12																
	13	4	50	Tr	Tr										F						
X	18	5	50	.13	.51																
	23	5	60	.07	.15																
	29	6	42	.03	.07																
X	35	6	42	.09	.99																
X	41	6	67	.15	.33																
	46½	5½	73	.51	1.19		1.372 CO														
	50	3½	71	3.00	6.00		2.543 CU														
	55	5	90	1.18	1.61										F						
	59	4	100	Tr	.32																
	64	5	30	.08	.52																
X	68	4	100	.26	.67																
X	72	4	50	.14	.80		70'								G F						
	73	1	50	1.76	10.32		0.358 CO														
	77	4	50	.22	1.63		2.213 CU														
X	82	5	30	.15	.74		79'														
	87	5	70	.03	.24																
X	91	4	65	.14	1.13																
X	105	14	40	.12	.84										F						
	115	10	35	.14	1.87										D						
	119	4	38	.07	.25																

CALERA MINING CO.
BLACKBIRD MINE

Log of DDH U-74-87

Sheet 1 of 2

COORDINATES 18,071½ N
2,778½ E

BEARING N54E

ELEVATION 7412

INCLINATION +2°

CORE							SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	4	4	37	.06	.17																
	6½	2½	100	Tr	Tr																
	9	2½	100	Tr	Tr																
	11½	2½	100	.02	.19																
	14	2½	100	Tr	.58																
	16½	2½	80	.07	.43																
	19	2½	80	.08	.60																
	24	5	8	.02	1.10										F						
	26	2	15	.04	.03																
	29	3	67	.05	.04										D						
	31½	2½	20	Tr	Tr																
	34	2½	16	Tr	.04										D Br						
	36½	2½	40	.36	.49																
	41	4½	49	.03	Tr																
	45	4	50	.05	Tr										F						
	51	6	42	Tr	Tr																
	56	5	50	Tr	Tr										G						
	60	4	38	.07	Tr																
	64	4	13	Tr	Tr																
	70	6	22	.01	Tr																
	75	5	40	Tr	Tr																
	81	6	25	Tr	Tr										F						
	86	5	20	.02	.04																
	91	5	26	.09	.01																
	96	5	40	Tr	Tr																
	101	5	50	Tr	Tr																
	106	5	50	Tr	.05										G						

CALERA MINING CO. Log of DDH U-74-87 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 18,071½ N BEARING N54E

2778½ E

ELEVATION 7412 INCLINATION +2°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	106														F						
	115	9	65	.02	Tr																
	126	11	80	.02	.01																
	131	5	100	Tr	Tr																
	141	10	75	Tr	Tr																
	151	10	80	Tr	.04																
	161	10	70	.04	.10										G						
	168	7	86	.01	Tr																
	179	11	73	Tr	.08										F						
	187	8	81	Tr	Tr																
	195	8	75	Tr	Tr										Br						
	202	7	86	Tr	.04																

CALERA MINING CO. Log of DDH U-74-108 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 18,605 N BEARING N55E

3,577 E

7400 LEVEL

ELEVATION 74/8430 N. INCLINATION ±0°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	5	5	80	.07	.19																
	8	3	90	.05	.48																
	11	3	100	.01	.14																
	16	5	80	Tr	.07																
	21	5	84	.02	.14										G						
X	26	5	80	.16	.41										F G						
	31	5	76	Tr	.07										F G						
	36	5	78	.01	.10																
	41	5	80	.06	.82																
	46	5	88	.01	.11																
	51	5	78	Tr	Tr																
	56	5	82	.11	.23																
	61	5	80	.03	.38																
	64	3	100	Tr	Tr										G						
X	69	5	90	.30	.14										G						
	72	3	80	Tr	.02										G						
	75	3	100	.04	.25																
	80	5	70	.01	.04										P G						
	85	5	90	.16	Tr																
	90	5	86	.83	Tr		0.65 CO														
	95	5	80	.51	.15		0.11 Cu.								G						
	100	5	78	.61	.17																
	105	5	76	.02	.03																
	110	5	80	.04	.08										G						
	115	5	92	Tr	.04										G						
	120	5	84	Tr	Tr										G						
	125	5	80	Tr	Tr																

CALERA MINING CO. Log of DDH U-74-108 Sheet 2 of 2

BLACKBIRD MINE. COORDINATES 18,605 N. BEARING N-55E.

3,577 E

7460 LEVEL

ELEVATION 74/843 D.N. INCLINATION ±0°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH 125	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
	130	5	90	.03	.03										G						
	135	5	100	.01	.Tr										G						
	140	5	98	.Tr	Tr										H						
	145	5	90	Tr	Tr										D						
	150	5	80	Tr	Tr										F						

CALERA MINING CO. Log of DDH U-74-109 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 18,598 N BEARING S55W.

3,567 E

ELEVATION 7420± INCLINATION ±0°

CORE							SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP CLASS	GP ASSAY
	5	5	48	.18	Tr										G						
	10	5	50	Tr	Tr																
	14	4	55	.02	Tr										G						
	17	3	70	.03	Tr																
	22	5	52	.09	Tr																
	24	2	80	.07	Tr										G						
	29	5	80	Tr	Tr																
	34	5	100	.11	.09										D						
	39	5	100	.15	.24																
	44	5	96	.03	.05										G						
	49	5	94	.03	.09																
	54	5	90	.07	.08																
	59	5	60	.06	.03																
	62	3	100	.11	.10																
	67	5	50	.07	.14																
	70	3	60	.04	.10																
	73	3	70	.08	.19																
	78	5	40	.10	.15										G						
	83	3	80	.01	.08																
	88	5	80	.05	.14										D						
	92	4	70	.03	.05										G						
	94	2	90	.04	.04										G						
	100	6	33	.06	.11																
	105	5	40	.09	.14										G						
	111	6	58	.07	.19																
X	115	4	70	.13	.74																
X	117	2	60	.09	1.35																

← F-Zone

CALERA MINING CO. Log of DDH U-74-109 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 18,598 N BEARING 555W

3,567 E

ELEVATION 7420 E INCLINATION ±0°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP CLASS	GP ASSAY
117																					
	120	3	100	.01	Tr																
	125	5	64	.02	.17																
	130	5	60	.02	.18										G						
	135	5	76	.01	.03																
	140	5	80	.03	.14																
	145	5	75	Tr	Tr										G						
	150	5	64	.03	.08																
															G						

CALERA MINING CO. Log of DDH U-74-110 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 18,523 N. BEARING N55E

3634 E.

ELEVATION 74/837 DN INCLINATION ± 0°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	5	5	50	.06	.07																
	9	4	75	.02	.18																
	12	3	70	.04	.69										G						
	19	7	64	.08	.01										G						
	24	5	96	.03	.08																
	29	5	90	.04	.37										G						
X	34	5	70	.23	.98																
	39	5	50	.09	.66										G						
	44	5	74	.03	.Tr																
	49	5	30	.06	.13										G						
	54	5	40	.04	.08																
	59	5	42	.02	.06										G						
	64	5	40	.04	Tr																
	66	2	100	.01	.11										G						
	71	5	50	.06	Tr																
	76	5	60	.13	.36																
	81	5	60	.08	.19										G						
	86	5	60	Tr	Tr										G						
	91	5	70	Tr	Tr																
	93	2	80	Tr	.03																
	98	5	80	.05	.08																
	104	6	40	.04	.09										G						
	109	5	56	.01	.03																
	114	5	70	.03	.03																
	119	5	72	.02	.06										G						
	124	5	80	.06	.08										G						
	129	5	86	.03	.16																

CALERA MINING CO. Log of DDH U-74-110 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 18,523 N BEARING N55E

3634 E

ELEVATION 74/843 DN INCLINATION ±0°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	129																					
	134	5	82	.05	.13																	
	139	5	84	.04	.07																	
	142	3	80	Tr	Tr																	
	146	4	100	.02	Tr											G						
	150	4	75	Tr	.10											G						

CALERA MINING CO. Log of DDH U-74-111 Sheet 1 of 4

BLACKBIRD MINE COORDINATES 18,665N BEARING N55E

3536E

ELEVATION 7418± INCLINATION ±0°

CORE								SLUDGE							COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	5	5	50	.05	.15																
	9	4	75	Tr	Tr										G						
	14	5	90	.61	.50										G						
	19	5	100	.33	.28										G						
	24	5	100	.04	.18																
	29	5	100	.88	.59		1.04 Co														
	34	5	94	1.06	.19		0.45 Cu														
	39	5	100	1.18	.47																
	44	5	92	.35	.16																
	49	5	90	.05	.54										F						
	54	5	60	.01	.05																
	59	5	80	1.38	.70		1.203 Co														
	64	5	84	.89	1.86		1.363 Cu														
	69	5	80	1.34	1.33																
	74	5	82	.08	Tr										D						
	79	5	86	.23	.11										F						
	84	5	80	.06	Tr										F						
	88	4	100	.55	.13										F						
	94	6	80	.91	.12										F						
	99	5	90	.04	.10										F						
	104	5	96	.05	.07										D						
	109	5	80	.11	.14										F						
	114	5	82	Tr	Tr										F						
	116	2	100	Tr	Tr																
	121	5	88	Tr	Tr										F						
	126	5	90	Tr	Tr																
	131	5	80	Tr	Tr																

CALERA MINING CO. Log of DDH U-74-111

BLACKBIRD MINE COORDINATES 18,665 N BEARING N55E

3,536 E

ELEVATION 7418± INCLINATION ±0°

CORE							SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	131																				
	136	5	84	Tr	Tr																
	141	5	82	Tr	Tr																
	146	5	100	Tr	Tr																
	151	5	92	Tr	Tr																
	156	5	86	.06	.03										E						
	161	5	80	.01	.04										D						
	166	5	82	Tr	Tr																
	169	3	90	Tr	.06										F						
	175	6	80	Tr	Tr										F						
	181	6	80	.06	Tr										F						
	186	5	80	Tr	Tr										F						
	191	5	82	Tr	Tr																
	195	4	80	Tr	Tr																
	201	6	70	Tr	.03																
	205	4	100	Tr	Tr																
	210	5	96	Tr	Tr										F						
	215	5	96	.02	Tr																
	220	5	94	Tr	Tr																
	225	5	100	.01	Tr																
	230	5	90	Tr	Tr																
	231	1	90	Tr	Tr																
	236	5	84	Tr	Tr																
	239	3	90	.72	.01																
	243	4	85	.02	Tr										F						
	244	1	90	.01	.01																
	249	5	90	.02	.01																
	250	1	100	.02	Tr																

CALERA MINING CO. Log of DDH U-74-111 Sheet 3 of 4

BLACKBIRD MINE COORDINATES 18,665 N. BEARING N55E

3,536 E

ELEVATION 7418± INCLINATION ±0°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	250																						
	255	5	80	.04	Tr											F							
X	260	5	100	.23	Tr																		
	265	5	96	Tr	Tr																		
	270	5	92	.05	Tr											F							
	272	2	40	.01	.05																		
	273	1	80	Tr	.03																		
	278	5	90	.05	.23											F S							
	281	3	90	Tr	Tr																		
	285	4	90	.08	.13											D							
	289	4	80	.03	.08																		
	294	5	82	Tr	Tr																		
	299	5	90	.01	.20											D							
	303	4	80	Tr	.01																		
	308	5	84	Tr	Tr																		
	314	6	90	.02	.01																		
	317	3	100	Tr	.03																		
	320	3	90	Tr	Tr																		
	325	5	96	.01	Tr											D							
	330	5	100	Tr	Tr																		
	335	5	98	Tr	.04																		
	340	5	90	.02	.18																		
	346	6	80	.04	.06																		
	352	6	90	Tr	Tr																		
	355	3	100	Tr	.05																		
	358	3	100	Tr	.12																		
	363	5	88	.01	.03																		
	365	2	100	Tr	.02																		

CALERA MINING CO. Log of DDH D-74-111 Sheet 4 of 4

BLACKBIRD MINE COORDINATES 18,665 N. BEARING N 55 E

3,536 E.

ELEVATION 7418± INCLINATION ±0°

CORE							SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO.	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO.	% CO	GP CLASS	GP ASSAY
	325																				
	369	4	90	Tr	Tr																
	371	2	100	.02	.14																
	374	3	90	.04	.05																
	379	5	100	Tr	Tr																
	384	5	96	Tr	.07																
	389	5	90	Tr	Tr																
	396	7	90	.03	.04																
	400	4	100	Tr	Tr																
	407	7	80	Tr	Tr																
	413	6	85	Tr	Tr																
	418	5	100	Tr	Tr																
	422	4	95	Tr	Tr																
	425	3	100	.02	.03																
	228	3	100	.01	.01																
	433	5	100	Tr	Tr																
	440	7	90	Tr	Tr																
	443	3	100	—	—																
	446	3	90	Tr	.01																
	449	3	100	Tr	.04																
	456	7	100	.03	.10																
	460	4	95	Tr	Tr																
	463	3	100	Tr	.01																
	467	4	90	Tr	.04																
	471	4	90	Tr	Tr																
	477	6	100	Tr	.01																
	484	7	90	.03	Tr																
	490	6	95	Tr	Tr																

CALERA MINING CO.
BLACKBIRD MINE

Log of DDH U-74-112

Sheet 1 of 1

COORDINATES 18,707N. 3502 E

BEARING N56E

ELEVATION 7415+

INCLINATION +0°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	5	5	40	.09	.14																	
X	9	4	90	.20	.35																	
X	14	5	90	.21	.01																	
	19	5	86	.07	.17																	
	24	5	90	.02	.05																	
	29	5	80	Tr	.03																	
	35	6	67	Tr	Tr																	
	40	5	80	Tr	Tr																	
	45	5	90	Tr	Tr																	
	51	6	100	Tr	Tr																	
	56	5	90	.01	Tr																	
	60	4	75	.06	.18																	

CALERA MINING CO. Log of DDH U-71-205 Sheet 1 of 3

BLACKBIRD MINE COORDINATES 15,193½ N BEARING N59½E

4693E

ELEVATION 7136½ INCLINATION +19°

CORE								SLUDGE								COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO.	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY		CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP. ASSAY
	6	6	37	.02	.13																	
	12	6	32	.04	.17																	
	16	4	80	Tr.	Tr.																	
	21	5	70	.01	.02																	
	26½	5½	44	.01	Tr.																	
	31½	5	30	.01	Tr.																	
	34	2½	48	.01	Tr.																	
	38½	4½	98	.01	Tr.																	
	44	5½	64	.05	Tr.																	
	49	5	76	.05	Tr.																	
	54	5	94	Tr.	Tr.																	
	58½	4½	91	.01	.12																	
	64	5½	67	Tr.	.08																	
	69	5	50	.03	Tr.																	
	74	5	60	Tr.	Tr.																	
	84	10	39	.01	Tr.																	
	88	4	50	.02	Tr.																	
	92	4	70	.05	.28																	
	97	5	60	.02	Tr.				97													
									101	4	.10	.05										
	103½	6½	43	.04	Tr.				103½	3½	.14	.09			D							
	108½	5	58	.03	.09				108	4½	.13	.12										
	113	4½	93	.03	Tr.																	
	117	4	95	Tr.	Tr.																	
	122	5	48	.03	.08																	
	126	4	68	.02	Tr.																	
	130½	4½	96	.10	Tr.										D							

CALERA MINING CO. Log of DDH U-71-205

BLACKBIRD MINE COORDINATES 15,193½ N BEARING N59½ E
4693 E

ELEVATION 7136½ INCLINATION ±19°

CORE							SLUDGE							COMBINED						
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	130½																				
	132½	2	80	.15	.02																
	135	2½	80	.01	.02																
	140	5	92	Tr.	Tr.				140												
	143	3	70	.08	.02				143	3	.09	.03									
	147	4	55	.08	.09				147	4	.07	.07									
	150½	3½	63	.05	.03				153½	6½	.06	.10									
	153½	3	60	.02	Tr.				162	8½	.04	.03									
	157	3½	43						167	5	.02	Tr.									
	162	5	32						171	4	.02	.02									
	167	5	46						173½	2½	.05	.06									
	171	4	30						182	8½	.05	Tr.			F						
	173½	2½	36						185½	3½	.01	.03									
	176½	3	47						190½	5	.01	.04									
	182	5½	80						193	2½	.01	Tr.									
	185½	3½	100																		
	191	5½	58																		
	193	2	25																		
	198	5	78	.01	.86																
	201	3	100	.07	.08																
	209	8	96	.03	.06																
	214	5	90	Tr.	Tr.																
	218	4	83	Tr.	Tr.																
	223	5	94	Tr.	Tr.				223												
	227½	4½	91						227½	4½	.04	Tr.									
	232	4½	80						232	4½	.04	.09									
	236½	4½	78						236½	4½	.02	.05									
	243	6½	40	.01	.02				250	13½	–	–									
	246	3	97	Tr.	Tr.				261½	11½	.10	.23									
	250½	4½	62	Tr.	Tr.				275½	14	–	–									
	256	5½	75	Tr.	Tr.				280	4½	.03	.03									
	261½	5½	73	Tr.	Tr.																
	266½	5	78	Tr.	.03																
	271½	5	88	Tr.	Tr.																
	275	3½	83	Tr.	Tr.																
	280	5	98	Tr.	.03																

CALERA MINING CO.
BLACKBIRD MINE

Log of DDH U-71-205

Sheet 3 of 3

COORDINATES 15,193½ N 4693 E

BEARING N59½ E

ELEVATION 7136½

INCLINATION +19°

CORE

CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP. ASSAY
	280						
	285	5	98	Tr.	Tr.		
	290	5	74	.02	Tr.		
	295	5	24	Tr.	Tr.		
	299	4	60	Tr.	Tr.		
	304	5	88	.01	Tr.		
	309	5	70	Tr.	Tr.		
	314	5	50				
	319	5	38				
	322	3	60				
	325	3	70				
	329	4	83				
	331½	2½	68				
	337	5½	89				
	342	5	48				
	347	5	50				
	352½	5½	73	Tr.	Tr.		
	356½	4	75	Tr.	Tr.		
	361½	5	80				
	368	6½	88				
	373	5	78				
	377	4	73				
	384	7	90				
	393½	9½	77				
	398½	5	82				
	403½	5	98				
	405½	2	80	.19	1.70		
	414	8½	82	Tr.	Tr.		
	424	10	32				
	429	5	78				
	439	10	61				
	444	5	36				
	449	5	62	Tr.	.04		
	453	4	25				
	455	2	25				

SLUDGE

CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP. ASSAY
	280					
	285	5	.10	.29		
	290	5	.11	.17		
	295	5	.08	.04		
	299	4	.12	.21		
	309	10	—	—		
	314	5	.04	.02		
	319	5	.04	.06		
	329	10	.03	.04		
	337	8	Tr.	Tr.		
	342	5	.01	Tr.		
	347	5	.01	Tr.		
	356½	9½	—	—		
	361½	5	.01	Tr.		
	368	4½	.06	Tr.		
	377	9	.05	.02		
	384	7	Tr.	Tr.		
	393½	9½	Tr.	Tr.		
	398½	5	Tr.	Tr.		
	403½	5	Tr.	Tr.		
	408½	5	.07	.24		
	414	5½	.03	Tr.		
	424	10	.04	Tr.		
	429	5	.06	Tr.		
	439	10	Tr.	Tr.		
	444	5	Tr.	Tr.		
	449	5	Tr.	Tr.		
	455	6	Tr.	Tr.		

COMBINED

CLASS	DEPTH	INTERVAL	% CO.	% CO	GP. CLASS	GP ASSAY

CALERA MINING CO. Log of DDH U-71-206 Sheet 1 of 2

BLACKBIRD MINE COORDINATES 15,088½ N BEARING N42½ E

4970½ E

ELEVATION 7153 INCLINATION +20°

CORE							SLUDGE						COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP. CLASS	GP. ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP. CLASS	GP. ASSAY
	3	3	67	.01	Tr.																
	6½	3½	66	.01	Tr.				6½	6½											
	10	3½	100	.01	Tr.																
	19½	4½	67	.03	.04																
	19	4½	56	.02	.40				19	12½	.03	.21									
	24	5	72	.01	Tr.																
X	29	5	72	.07	.81				29	10	.03	.13			F						
															D						
	35	6	35	.01	.12				35½	6½	.06	.18									
	41	6	67	.03	3.1				41	5½	.12	.24									
X	45½	4½	91	.07	1.61				45½	4½	.13	2.01									
	49	3½	49	.02	.16				49	3½	.08	.64									
	54	5	36	.02	.17				54	5	.07	.18			F						
	56½	2½	100	.04	.45				56½	2½	.07	.41									
	61½	5	42	.06	.36				61½	5	.09	.40									
	64	2½	52	.03	.23				64	2½	.10	.44									
X	68	4	83	.03	1.37			X	68	4	.14	1.46									
	71	3	97	.55	.78																
	76	5	34	.01	Tr.			X	76	8	.26	.75									
	84	8	39	.02	.06				84	8	.04	.08									
	94	10	55	.03	.09				94	10	.05	.23									
	98	4	75	Tr.	Tr.				98	4	.07	.13									
									104	6	.03	.03									
	108	10	77						108	4	.01	Tr.									
									117	9	.02	Tr.									
	125	17	62						122	5	.03	Tr.									
	129	4	70																		
	134	5	62						134	12	.05	Tr.									
	138	4	68																		
									144	10	.01	Tr.									
	147	9	64	.04	.03				147	3	.10	.07									
	155	8	64						155	8	.01	Tr.									
	160	5	92																		
	166	6	68						166	11	.03	.02									
	171	5	78																		
	179	8	91						179	13	.02	.03									
	189	10	70	Tr.	Tr.				189	10	.02	Tr.									

CALERA MINING CO. Log of DDH U-71-206 Sheet 2 of 2

BLACKBIRD MINE COORDINATES 15,088½N BEARING N42½E

4970½E

ELEVATION 7153 INCLINATION +20°

CORE							SLUDGE						COMBINED							
CLASS	DEPTH	INTERVAL	% RECOVERY	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CU	GP CLASS	GP ASSAY	CLASS	DEPTH	INTERVAL	% CO	% CO	GP CLASS	GP ASSAY
	189								189												
	199	10	65	.02	Tr.				199	10	.04	Tr.									
	204	5	70	.02	Tr.																
	209	5	70	.11	.28				209	10	.09	.10			G						
	212	3	30	.02	.03																
	215	3	57	.02	.04																
	219	4	45	.11	.23				219	10	.10	.25									
	222	3	18	.08	.20																
									227	8	.11	.18			F						
	229	7	20	.02	.08				229	2	.06	.17									
	232	3	0						232	3	.07	.09									

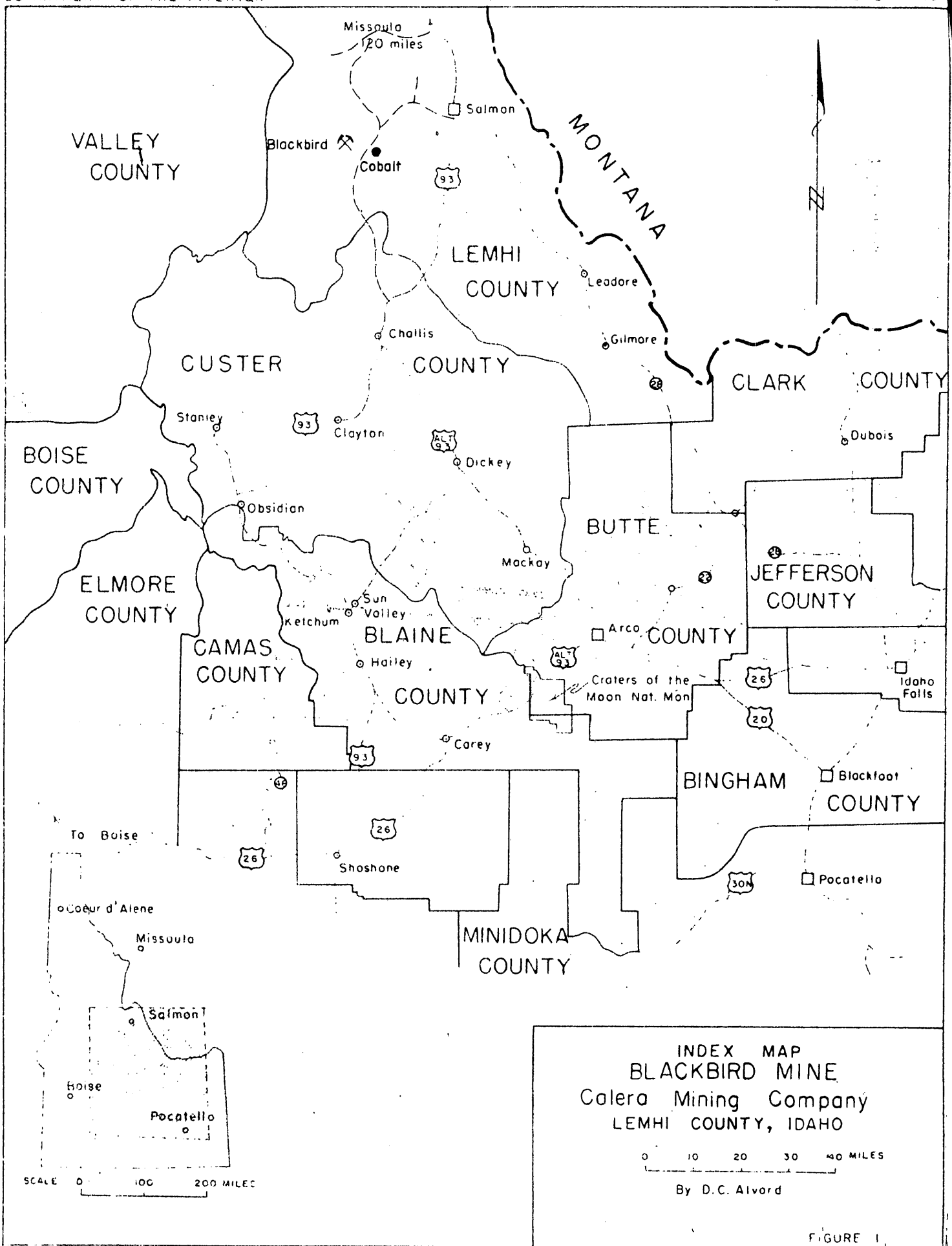
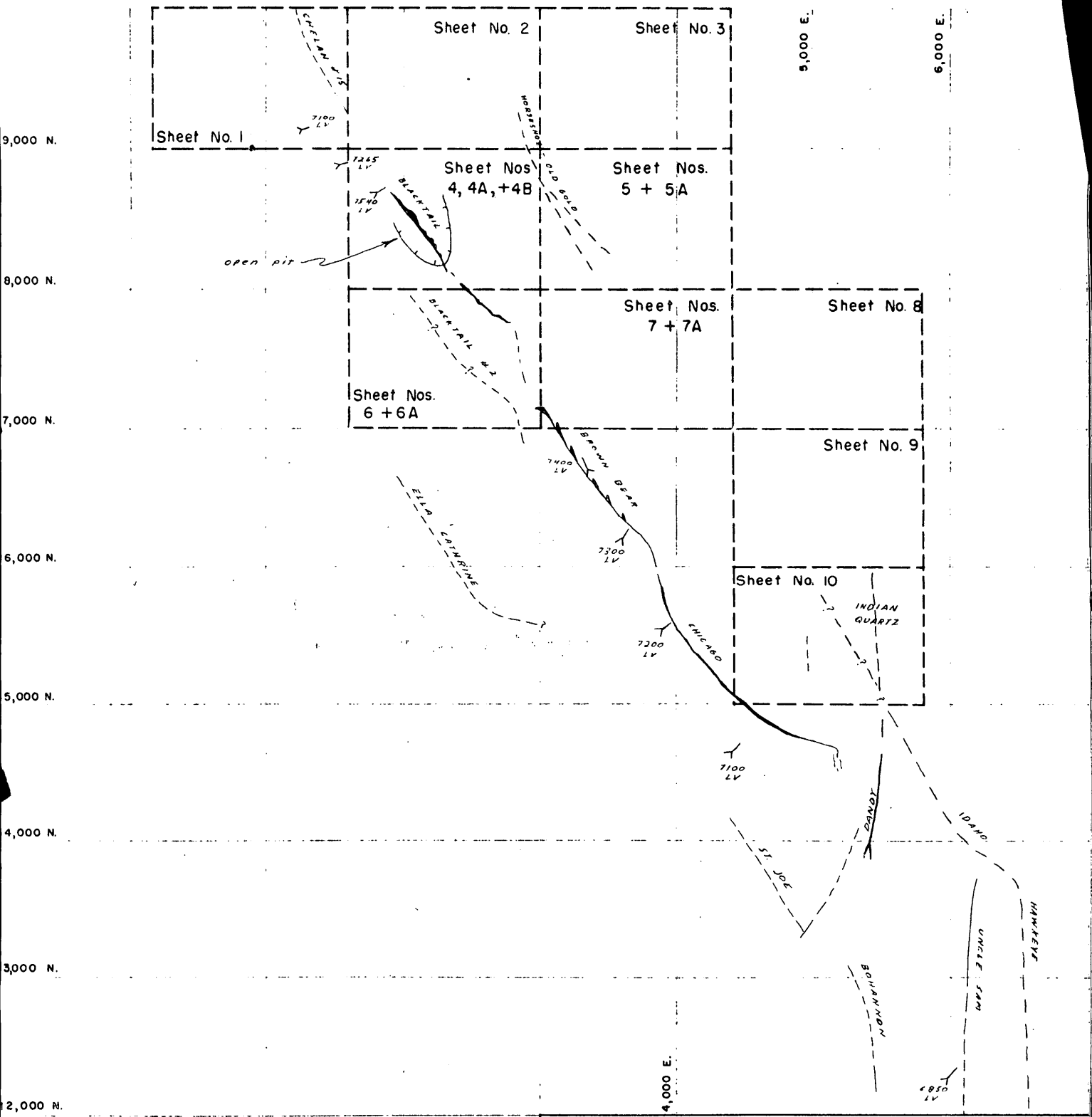

Missoula
120 miles
Salmon
VALLEY
COUNTY
Blackbird
Cobalt
93
MONTANA
N
LEMHI
COUNTY
Leadore
Challis
Gilmore
CUSTER
COUNTY
28
CLARK
COUNTY
Stanley
93
Clayton
ALT 93
Dickey
Dubois
BOISE
COUNTY
Obsidian
BUTTE
Mackay
28
JEFFERSON
COUNTY
ELMORE
COUNTY
Sun
Valley
Ketchum
BLAINE
COUNTY
Arco
CAMAS
COUNTY
Hailey
ALT 93
Craters of the
Moon Nat. Mon
26
Idaho
Falls
20
Carey
93
BINGHAM
COUNTY
Blackfoot
26
To Boise
26
Shoshone
30N
Pocatello
Coeur d'Alene
Missoula
MINIDOKA
COUNTY
Salmon
Boise
Pocatello
SCALE 0 100 200 MILES
INDEX MAP
BLACKBIRD MINE
Calera Mining Company
LEMHI COUNTY, IDAHO
0 10 20 30 40 MILES
By D.C. Alvord

FIGURE 1

EXTRA COPY
C. M. E.
RECEIVED DEC 9 1958

DATE		CODE



PRINCIPAL COBALT-COPPER ZONES

Blackbird Mine

Calera Mining Company

LEMHI COUNTY, IDAHO

1,000 500 0 1,000 2,000 FEET

Figure 2

EXTRA COPY
O. M. E.
RECEIVED DEC 9 1958

DATE	INITIALS	CODE

EXPLANATION

EXTRA COPY
O. M. E.
RECEIVED DEC 9 1958

DATE	INITIALS	CODE

more than 0.60% equivalent cobalt

0.40 – 0.60% equivalent cobalt

0.20 – 0.40% equivalent cobalt

Dike – D

Fault – F

Shear Zone – S

Brecciated – Br

Fault Gouge – G

$$\text{Equivalent cobalt} = \text{cobalt assay} + \frac{\text{copper assay}}{6}$$

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DOCKET NO. DMEA 4143

CLAIM MAP SHOWING LOCATION OF DMEA PROJECT WORK

Black Bird Mine

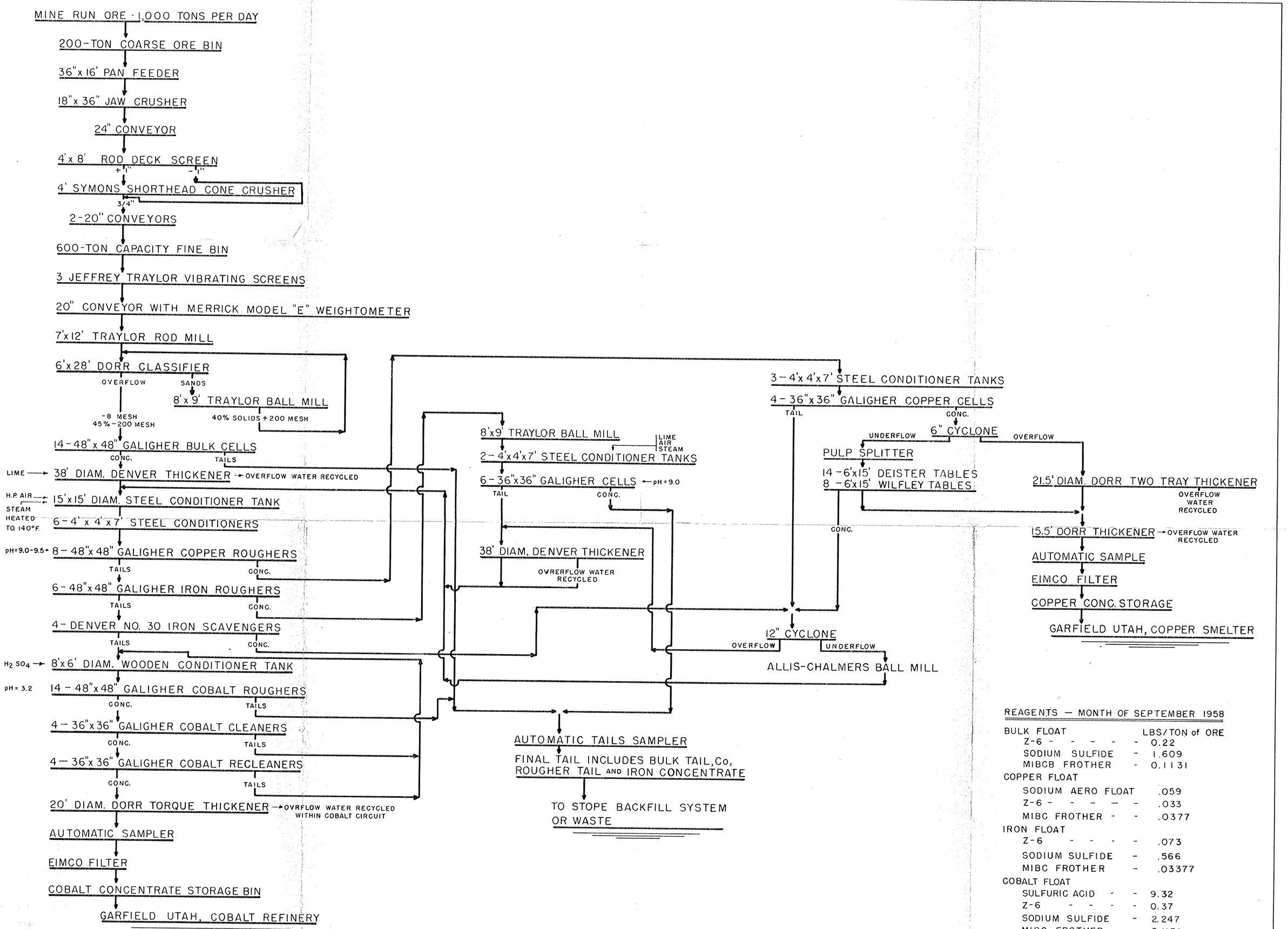
CALERA MINING CO.

Lemhi County, Idaho

800 400 0 800 1600 FEET

APRIL 1958

PLATE I



Taken from flowsheet by C.S.Smith — 10-25-'58.

REAGENTS — MONTH OF SEPTEMBER 1958

	LBS/TON of ORE
BULK FLOAT	
Z-6	0.22
SODIUM SULFIDE	1.609
MIBCB FROTHER	0.1131
COPPER FLOAT	
SODIUM AERO FLOAT	.059
Z-6	.033
MIBC FROTHER	.0377
IRON FLOAT	
Z-6	.073
SODIUM SULFIDE	.566
MIBC FROTHER	.03377
COBALT FLOAT	
SULFURIC ACID	9.32
Z-6	0.37
SODIUM SULFIDE	2.247
MIBC FROTHER	0.1131
LIME TO CONDITIONING	2.7

BLACKBIRD CONCENTRATOR FLOWSHEET, CALERA MINING COMPANY, LEMHI COUNTY, IDAHO

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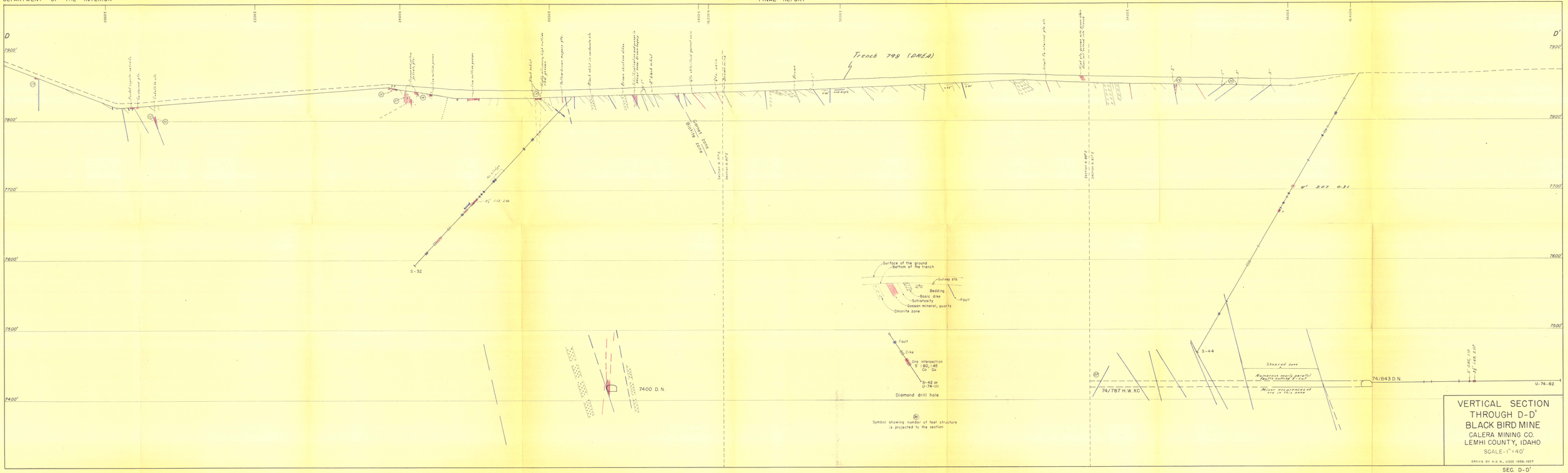

VERTICAL SECTION
THROUGH D-D'
BLACK BIRD MINE
CALERA MINING CO.
LEMHI COUNTY, IDAHO
SCALE-1" = 40'
DRAWN BY H.B.N., USGS 1956-1957

SEC. D-D'
See sheets 4A & 5A

UNITED STATES
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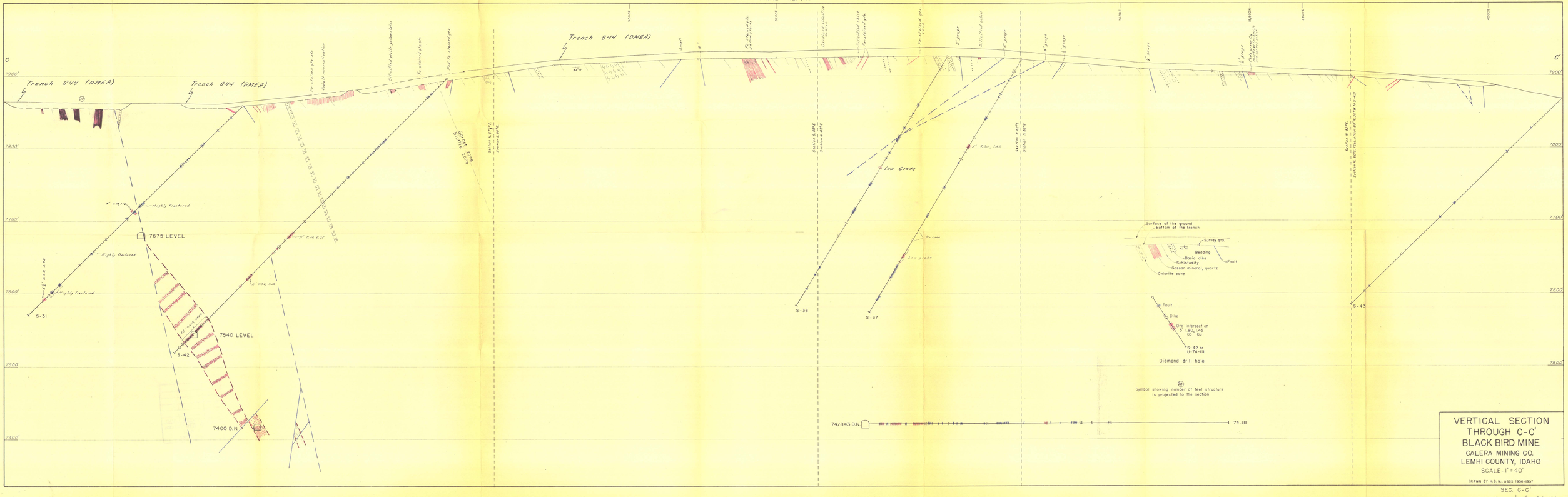

VERTICAL SECTION
THROUGH C-C'
BLACK BIRD MINE
CALERA MINING CO.
LEMHI COUNTY, IDAHO
SCALE-1" = 40'

DRAWN BY H.B.N., USGS 1956-1957

SEC. C-C'

See sheets 4A, 5A, & 3

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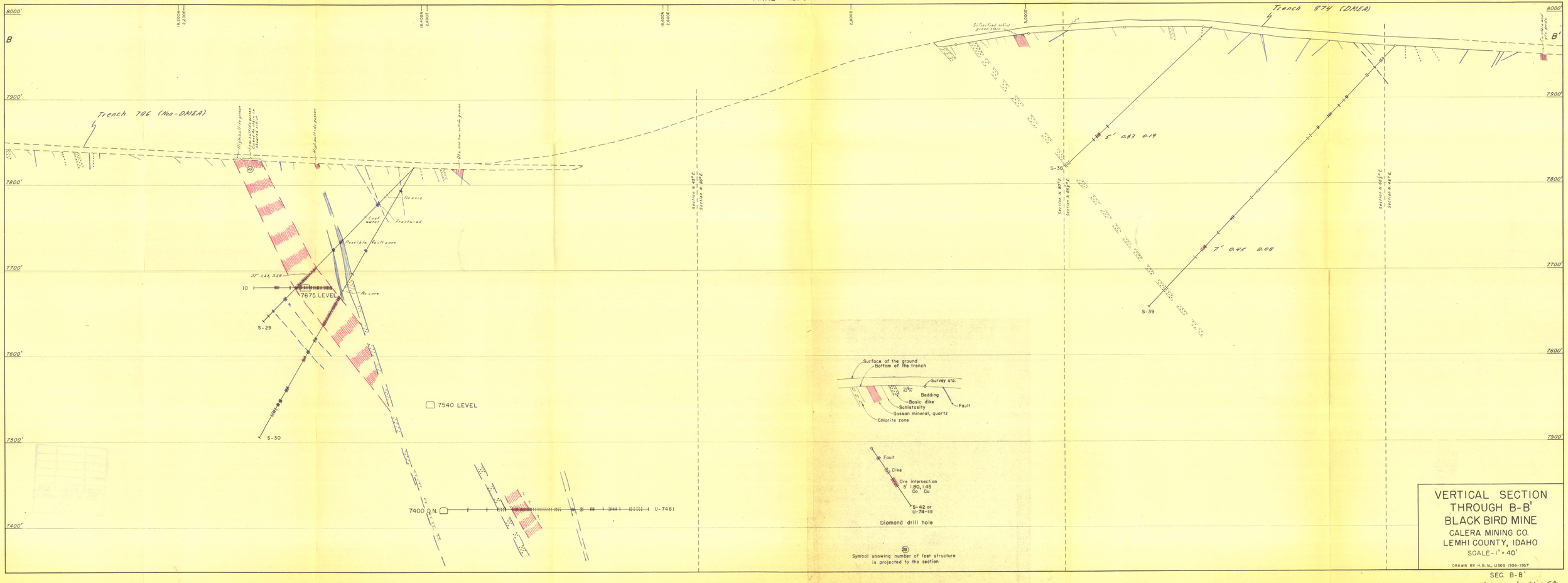

VERTICAL SECTION
THROUGH B-B'
BLACK BIRD MINE
CALERA MINING CO.
LEMHI COUNTY, IDAHO
SCALE-1" = 40'

DRAWN BY H.B.N., USGS 1956-1957

SEC. B-B'

See sheets 4A & 5A

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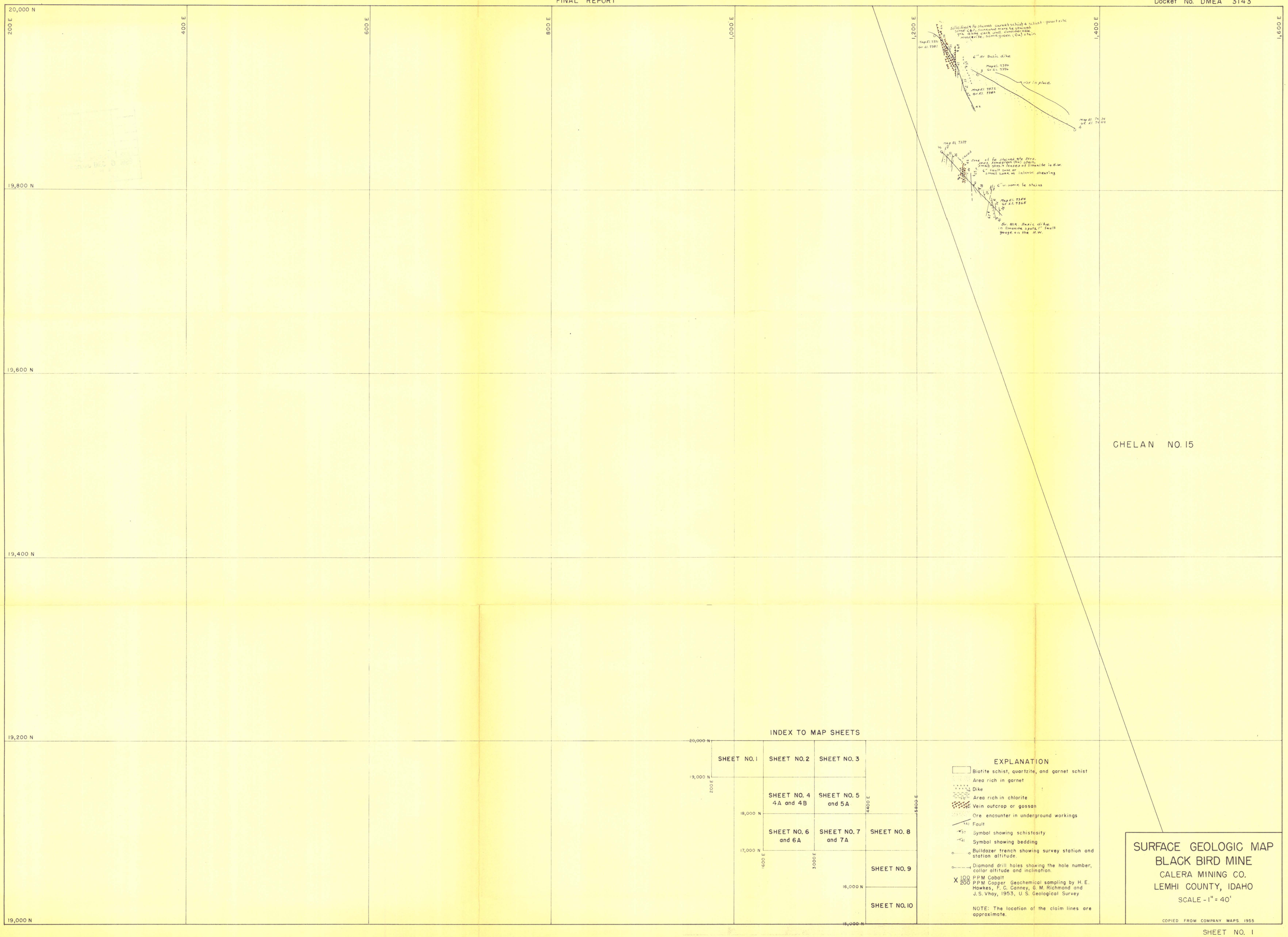

INDEX TO MAP SHEETS

EXPLANATION

- Biotite schist, quartzite, and garnet schist
- Area rich in garnet
- Dike
- Area rich in chlorite
- Vein outcrop or gossan
- Ore encounter in underground workings
- Fault
- Symbol showing schistosity
- Symbol showing bedding
- Bulldozer trench showing survey station and station altitude.
- Diamond drill holes showing the hole number, collar altitude and inclination.
- X 100/200 PPM Cobalt PPM Copper Geochemical sampling by H. E. Hawkes, F. C. Canney, G. M. Richmond and J. S. Vhay, 1953, U. S. Geological Survey

NOTE: The location of the claim lines are approximate.

SURFACE GEOLOGIC MAP
BLACK BIRD MINE

CALERA MINING CO.
LEMHI COUNTY, IDAHO

SCALE - 1" = 40'

COPIED FROM COMPANY MAPS. 1955

SHEET NO. 1

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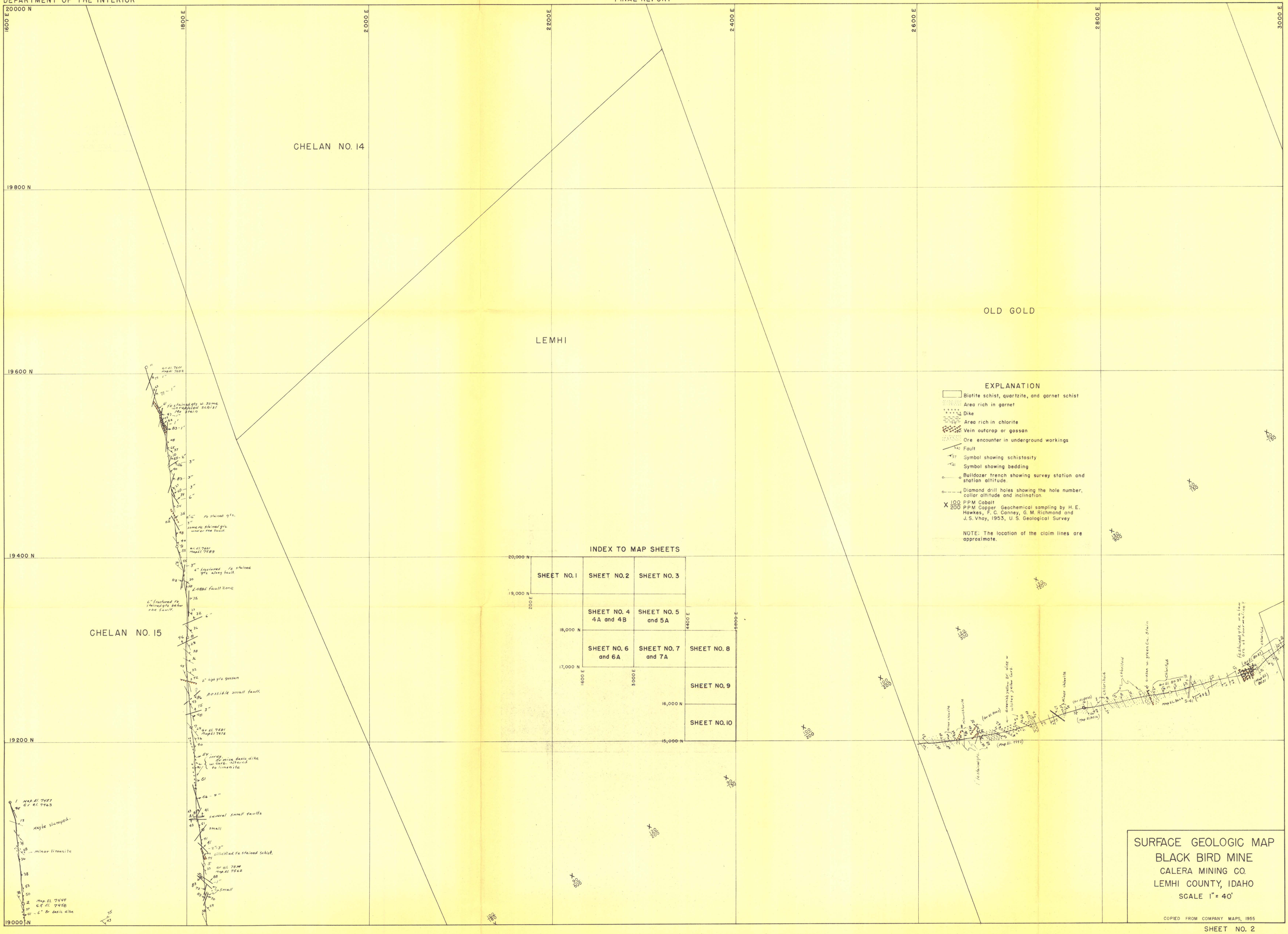

SHEET NO. 2

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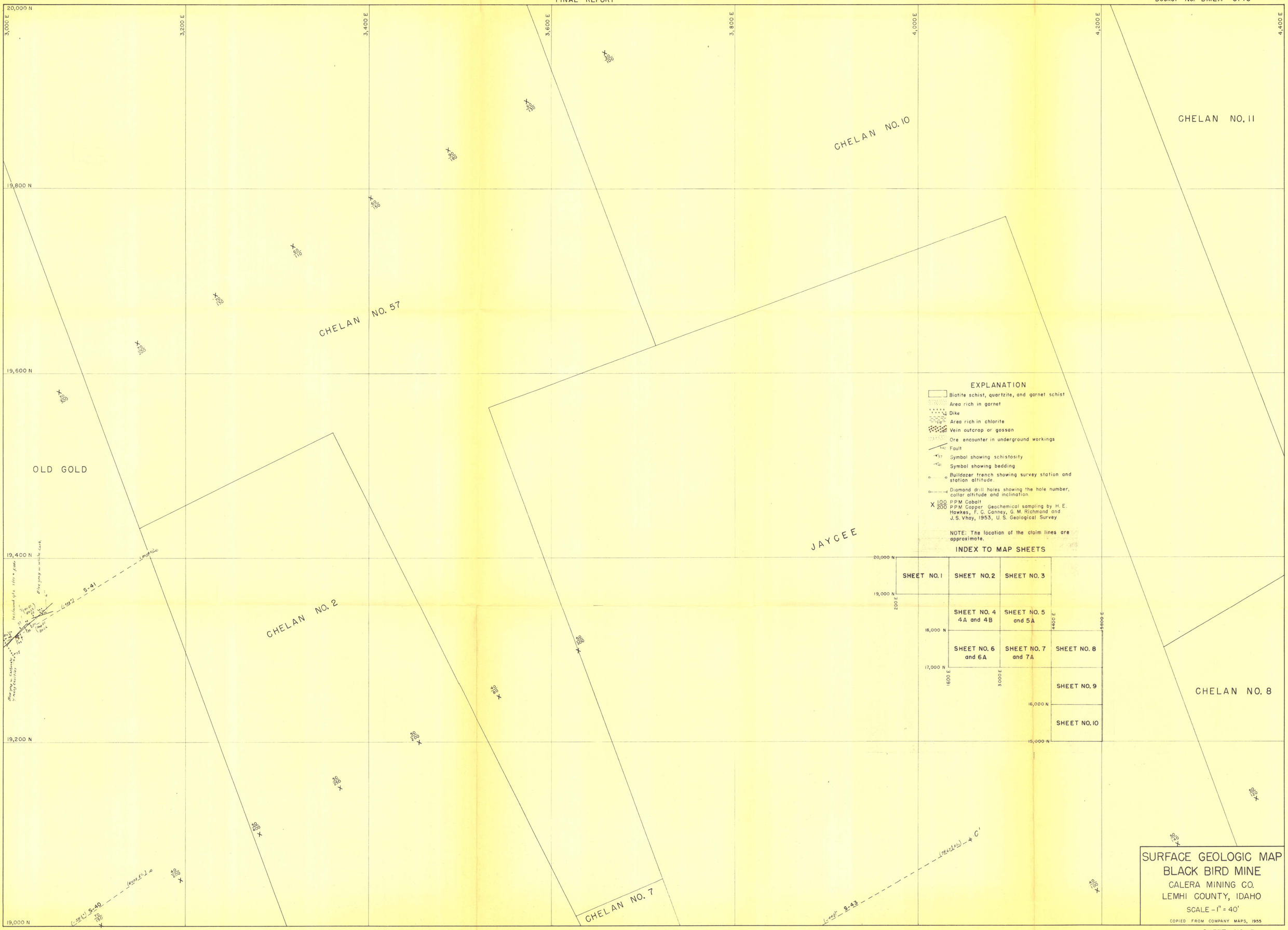

SHEET NO. 3

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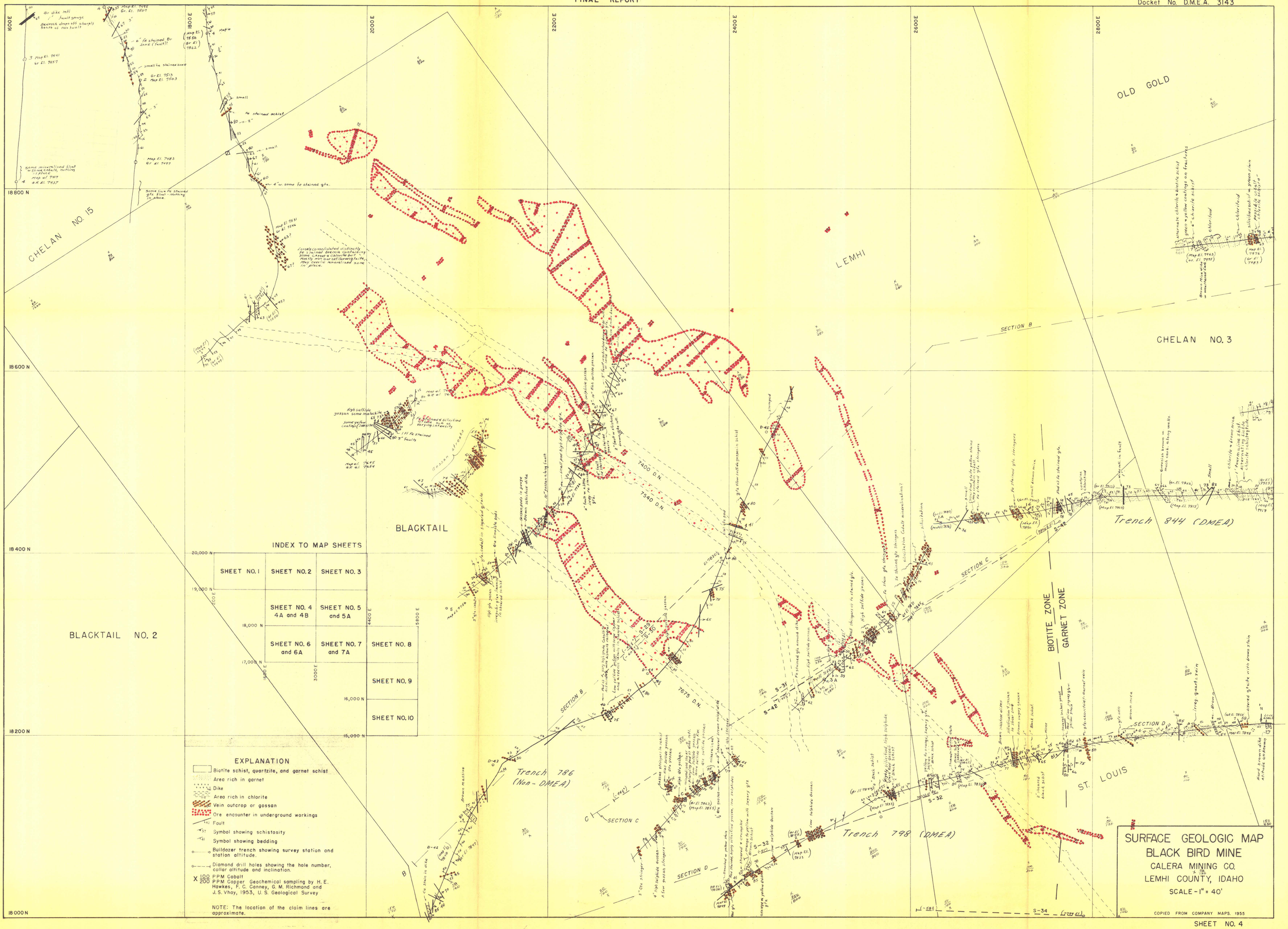
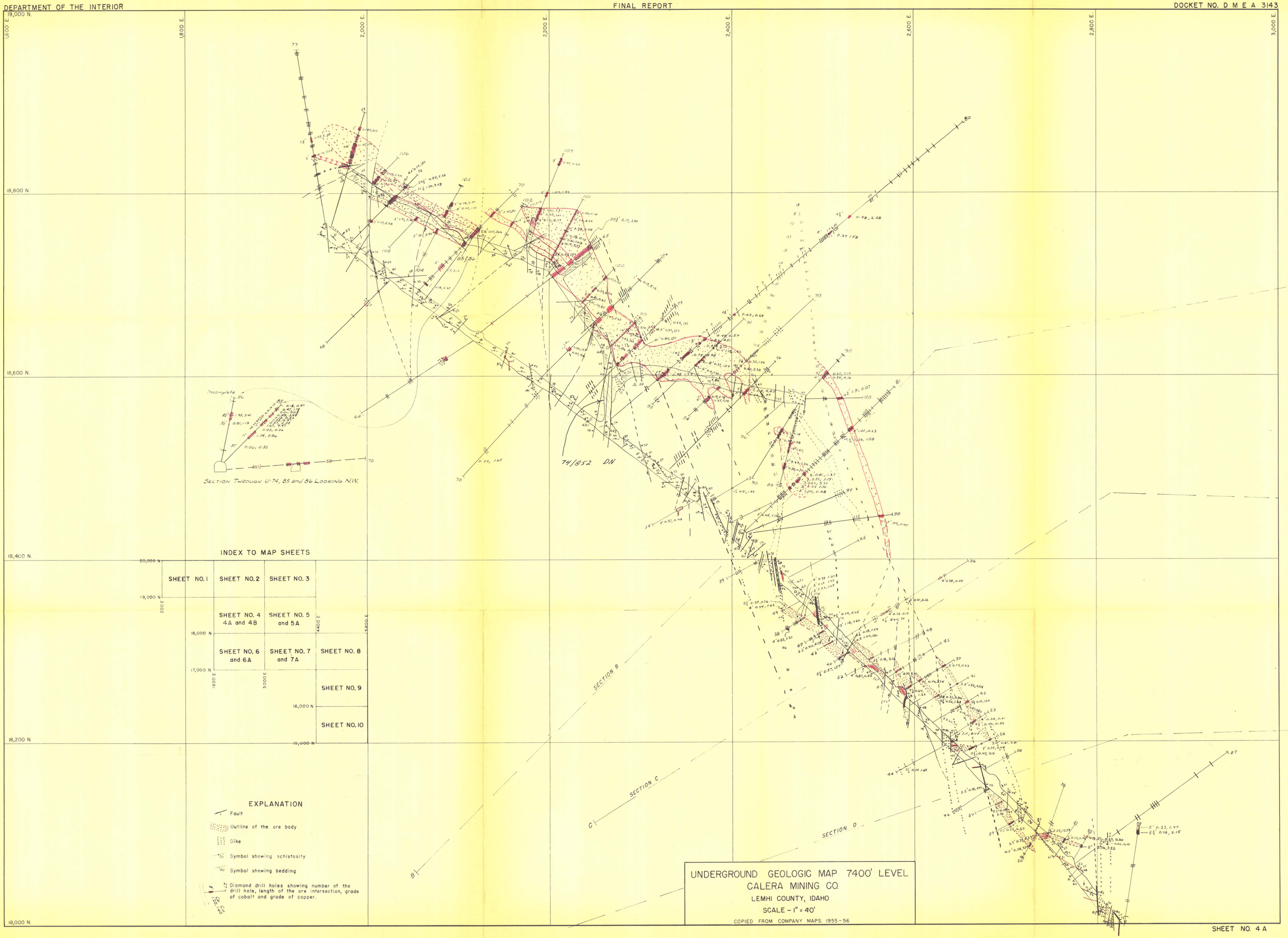
Docket No. D.M.E.A. 3143



SHEET NO. 4



UNDERGROUND GEOLOGIC MAP 7400' LEVEL
CALERA MINING CO.
LEMHI COUNTY, IDAHO
SCALE - 1" = 40'
COPIED FROM COMPANY MAPS. 1955-56

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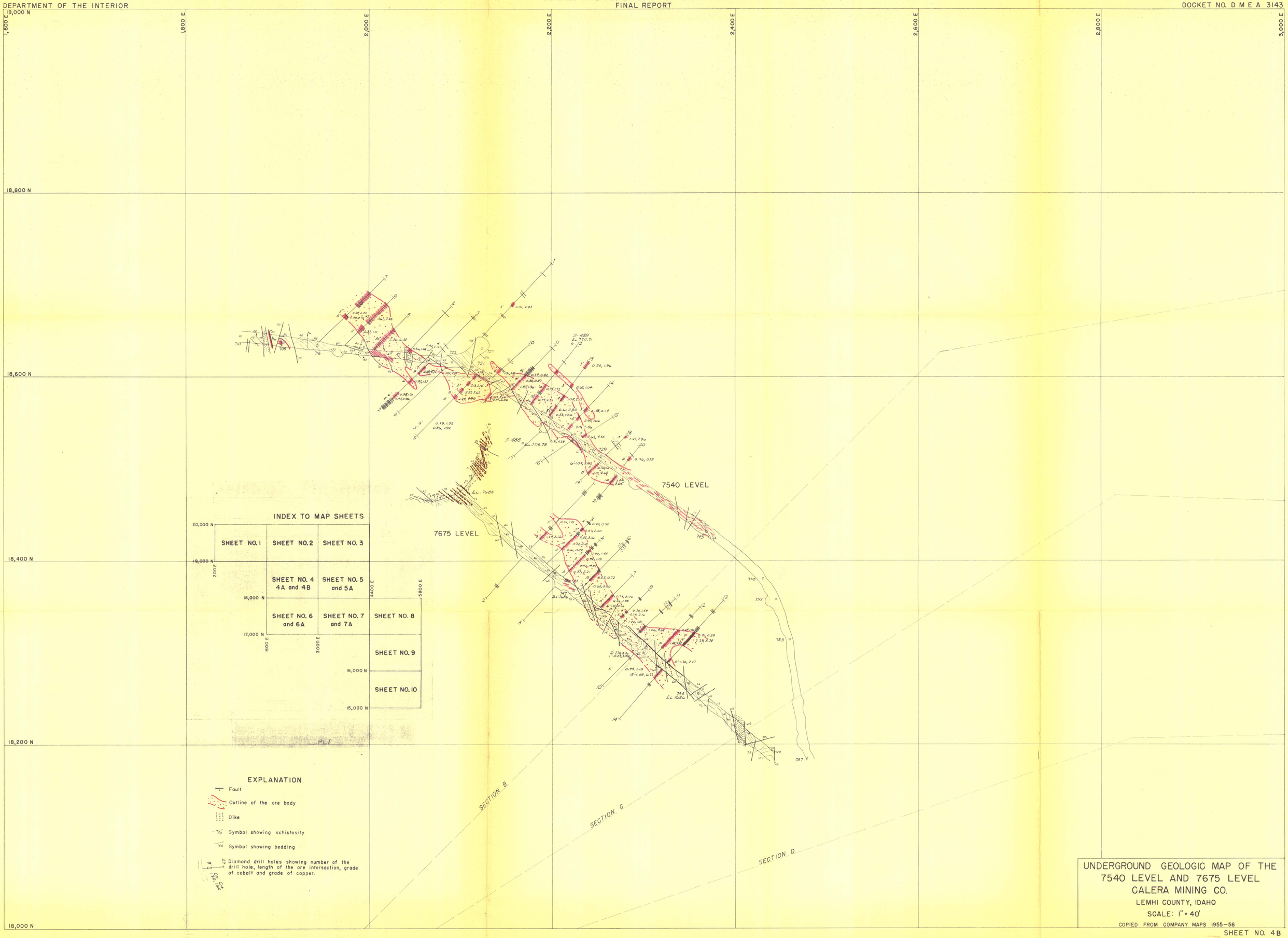

UNDERGROUND GEOLOGIC MAP OF THE
7540 LEVEL AND 7675 LEVEL
CALERA MINING CO.
LEMHI COUNTY, IDAHO
SCALE: 1" = 40'
COPIED FROM COMPANY MAPS 1955–56

SHEET NO. 4B

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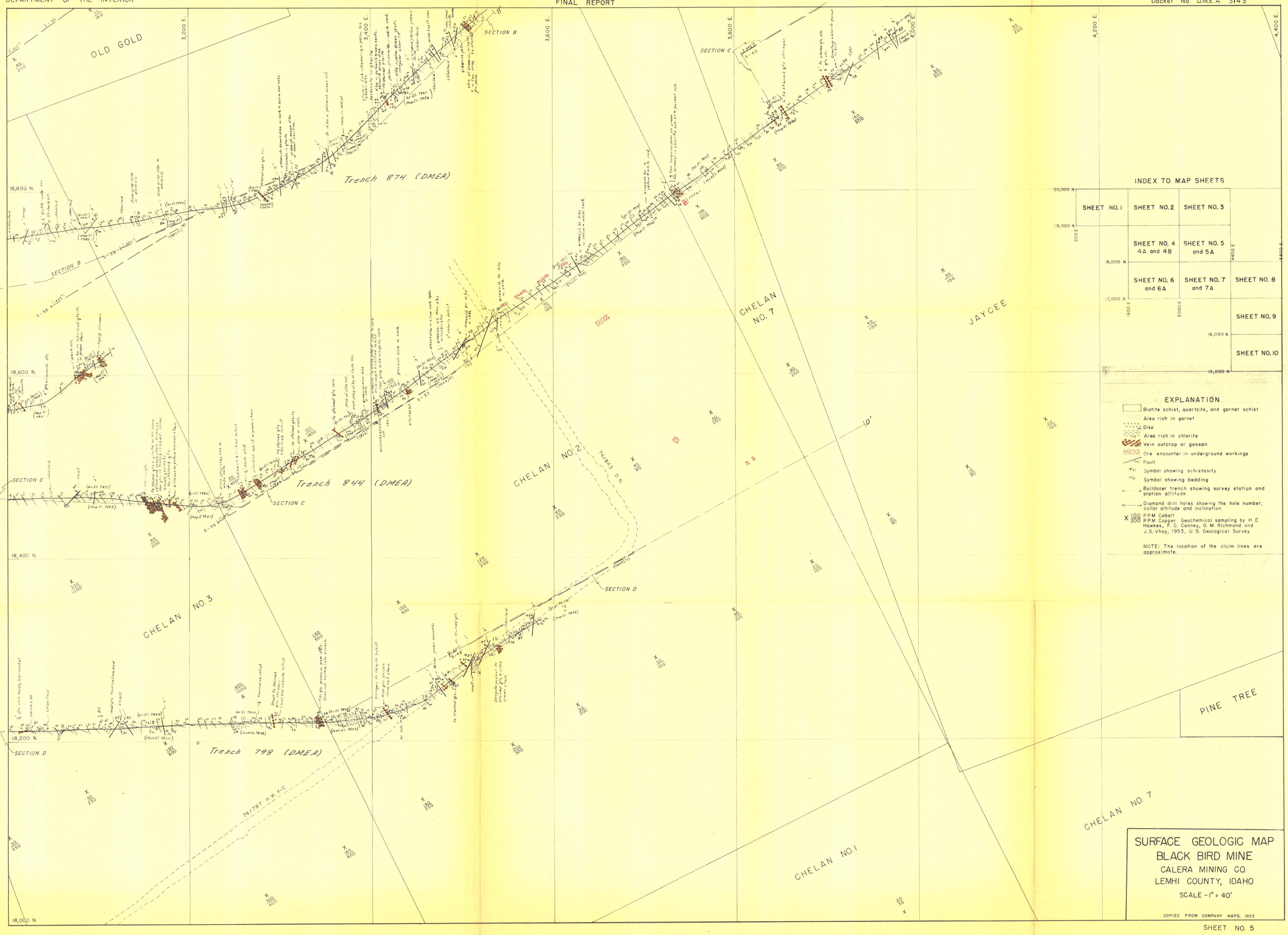

SHEET NO. 5

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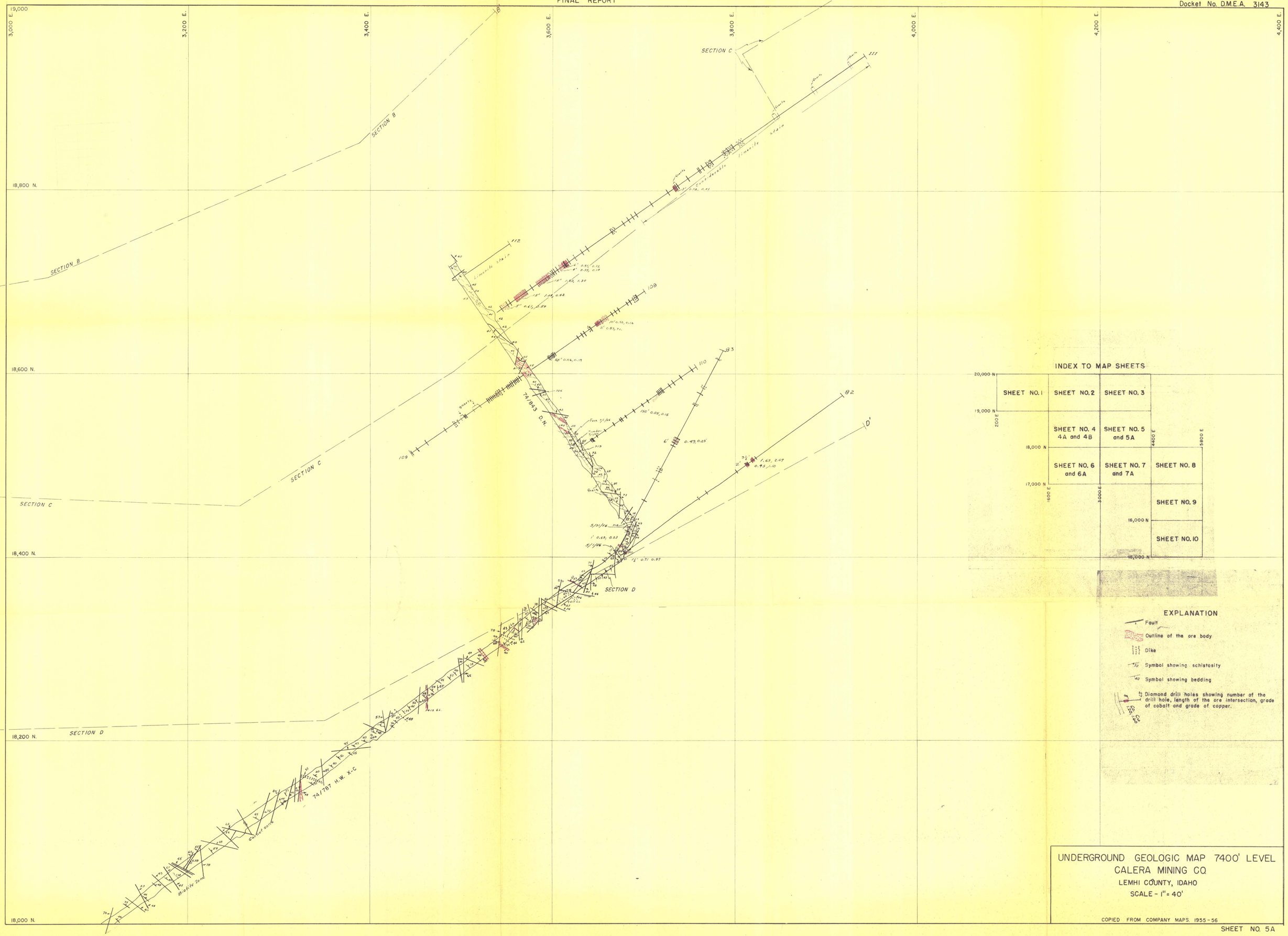

UNDERGROUND GEOLOGIC MAP 7400' LEVEL
CALERA MINING CO.
LEMHI COUNTY, IDAHO
SCALE - 1" = 40'

COPIED FROM COMPANY MAPS. 1955-56

SHEET NO. 5A

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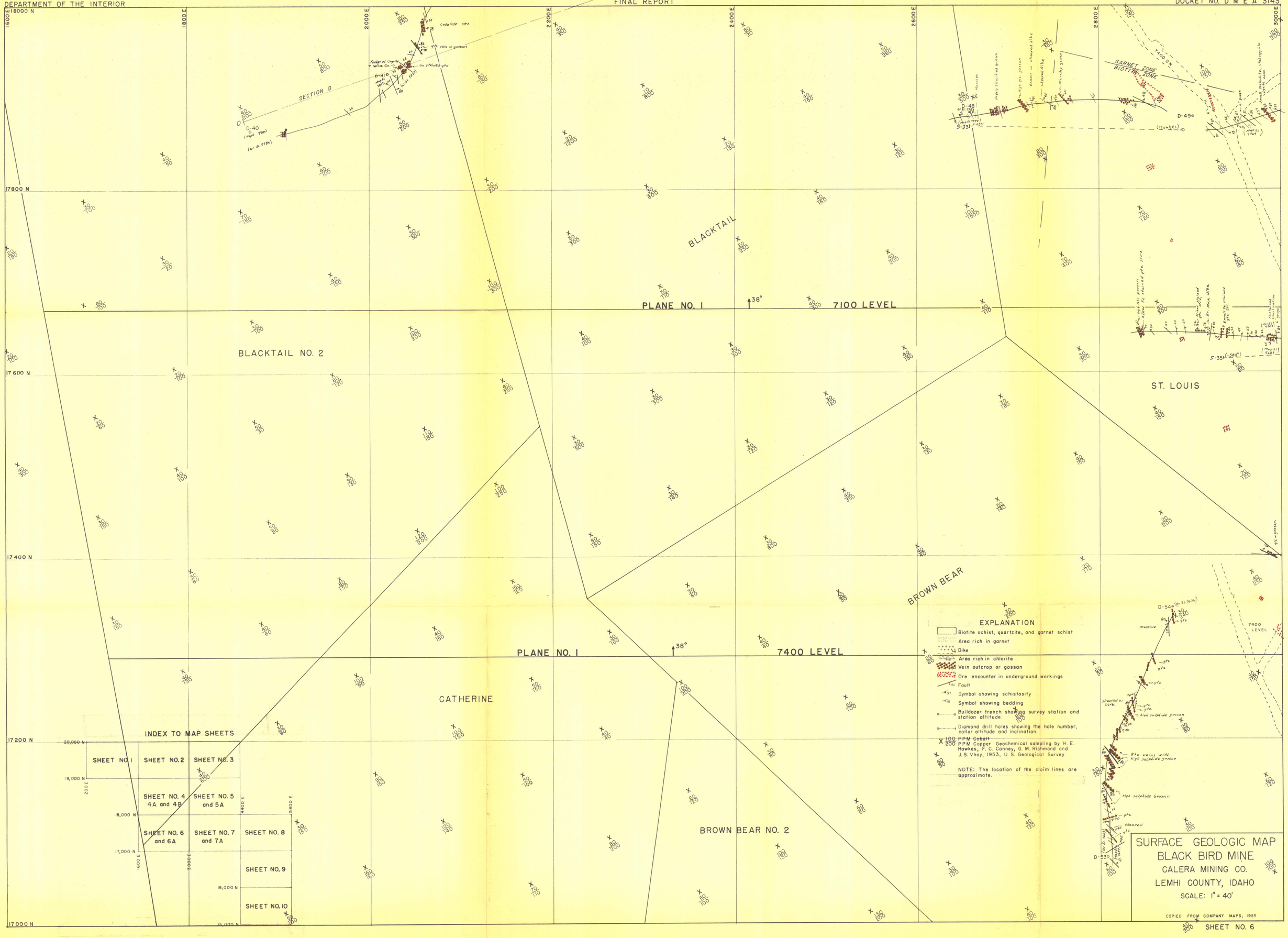

SHEET NO. 6

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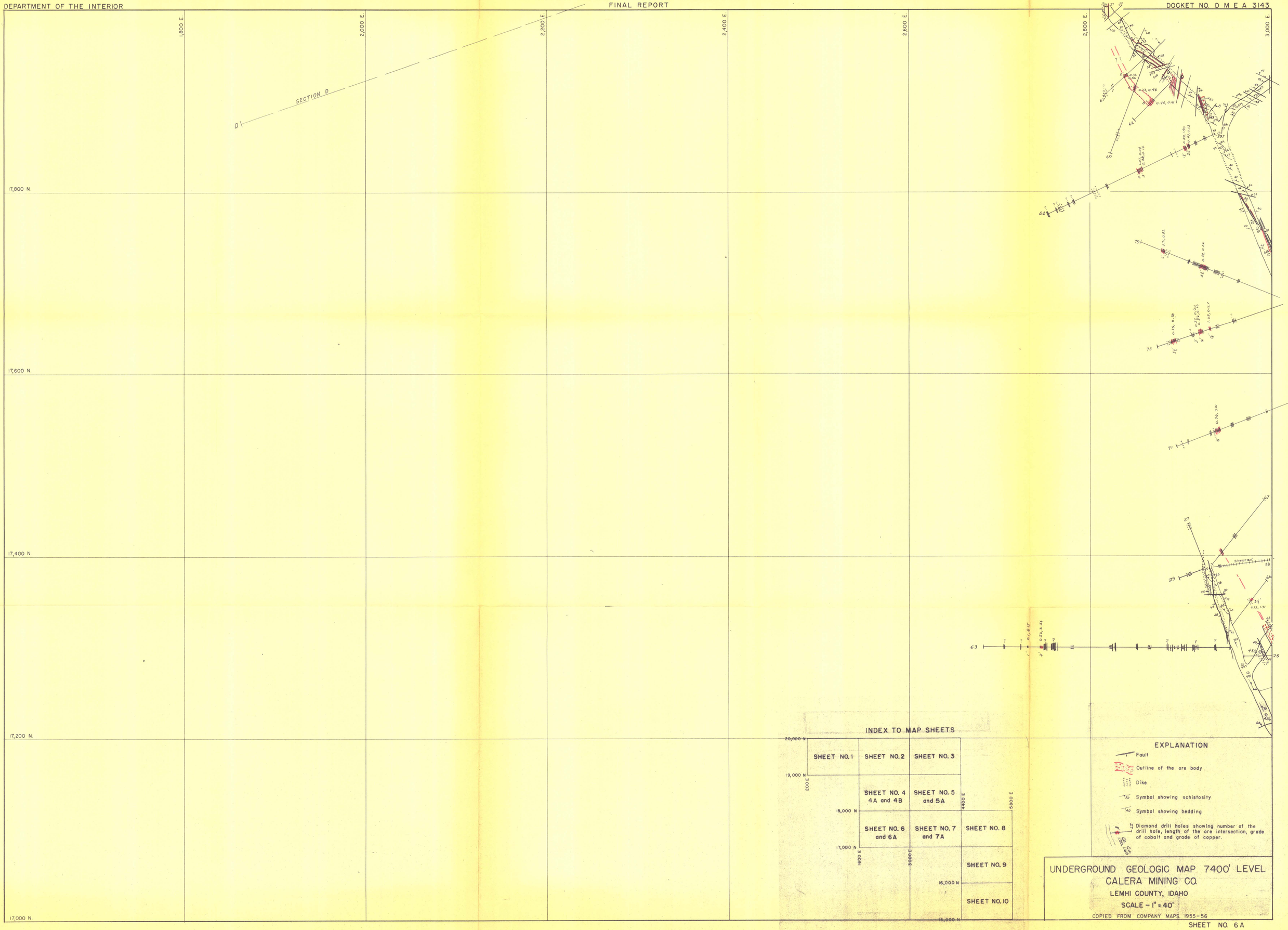
DOCKET NO. D M E A 3143



SHEET NO. 6A

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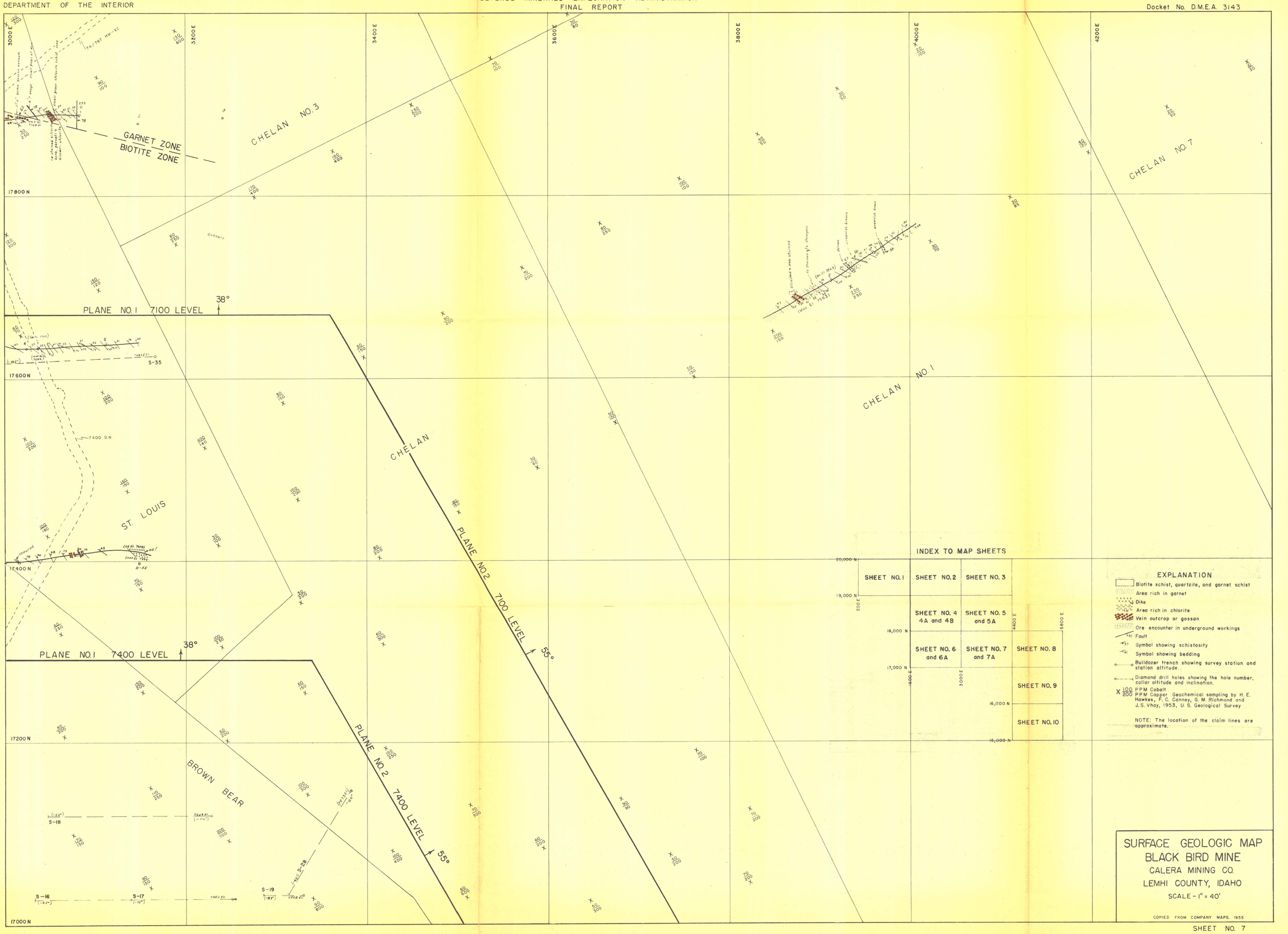
Docket No. D.M.E.A. 3143



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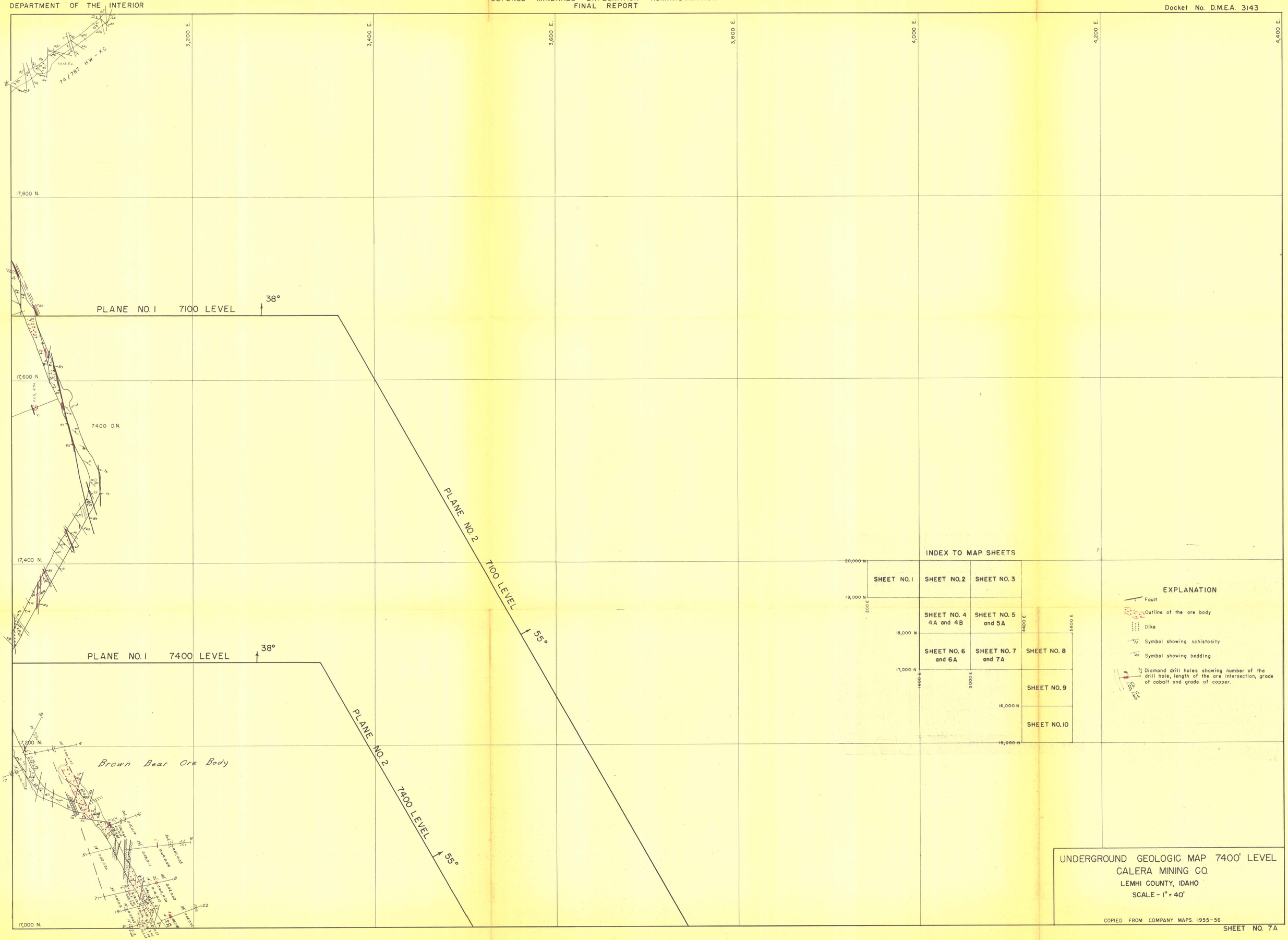

UNDERGROUND GEOLOGIC MAP 7400' LEVEL
CALERA MINING CO.
LEMHI COUNTY, IDAHO
SCALE - 1" = 40'

COPIED FROM COMPANY MAPS. 1955-56

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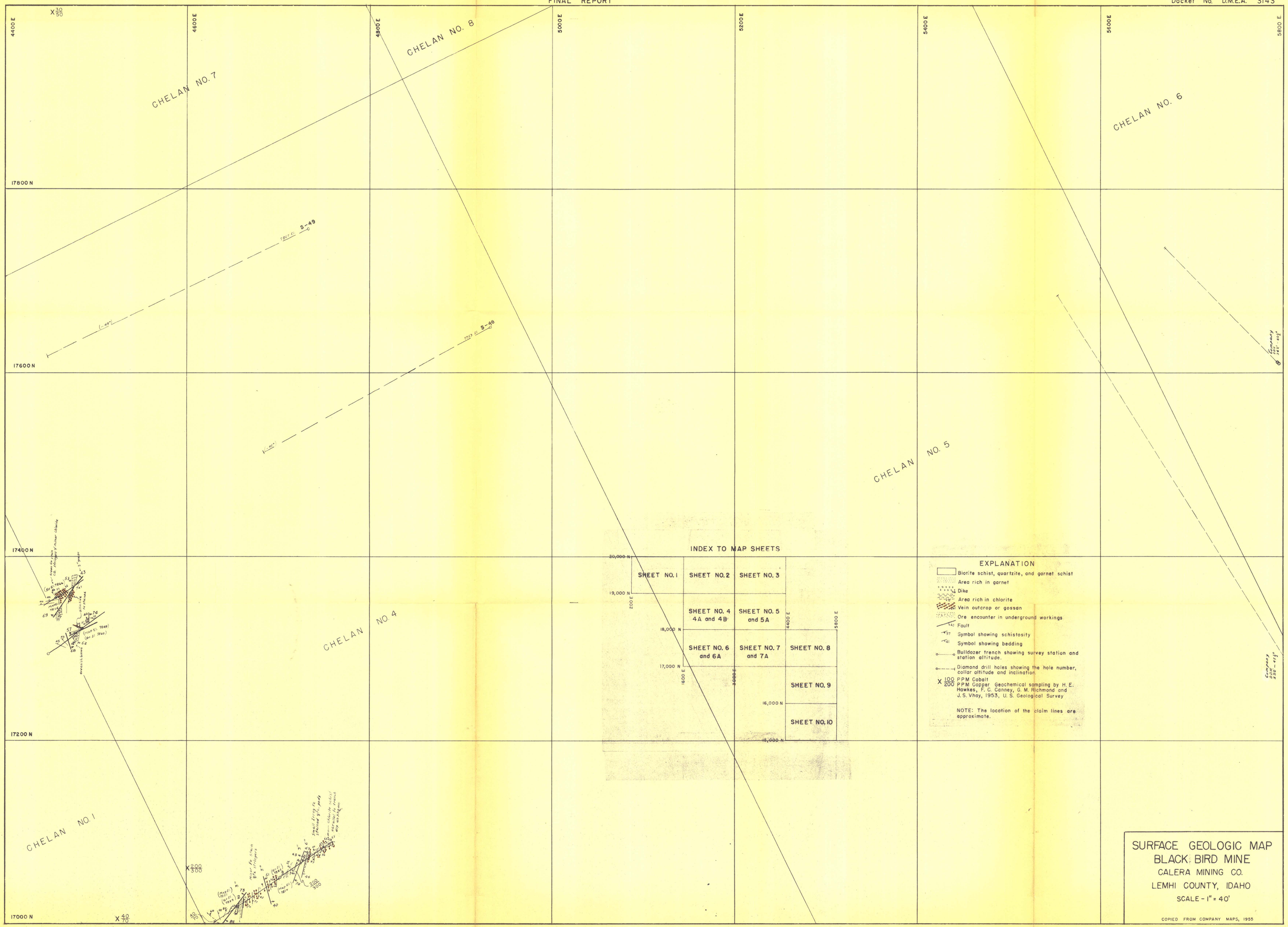

SHEET NO. 8

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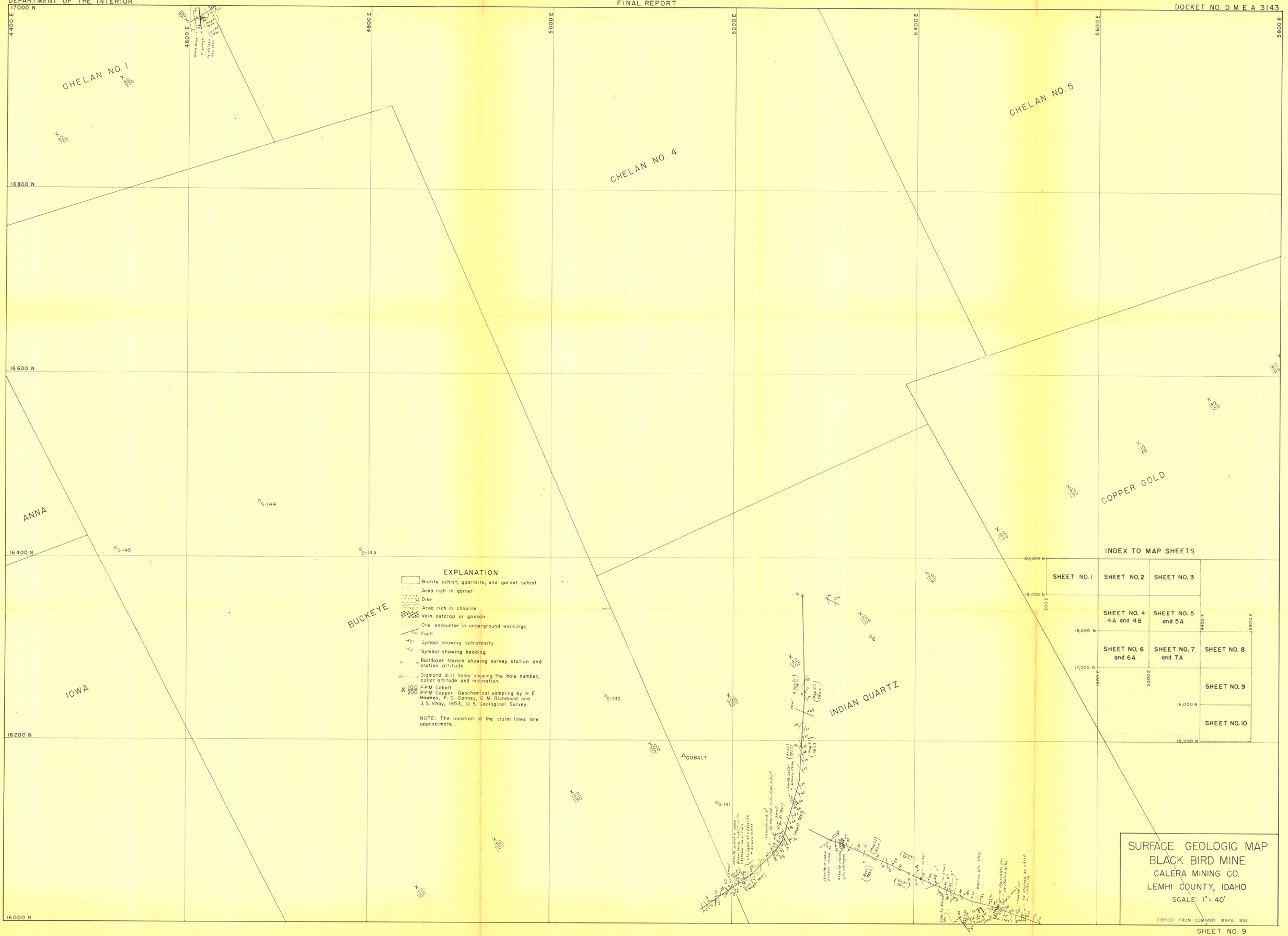

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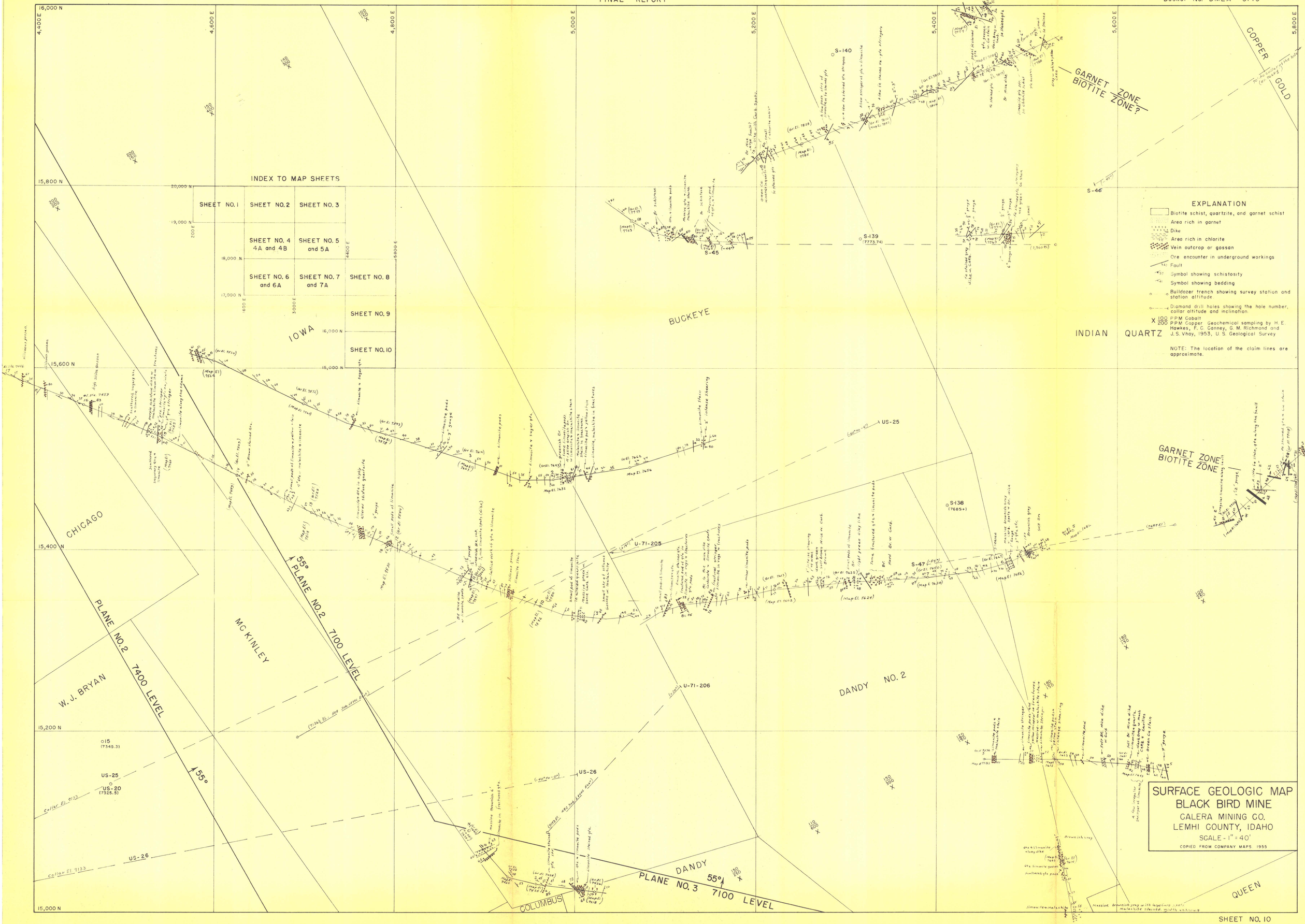

SHEET NO. 10