



CONTACT INFORMATION

Mining Records Curator
Arizona Geological Survey
1520 West Adams St.
Phoenix, AZ 85007
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

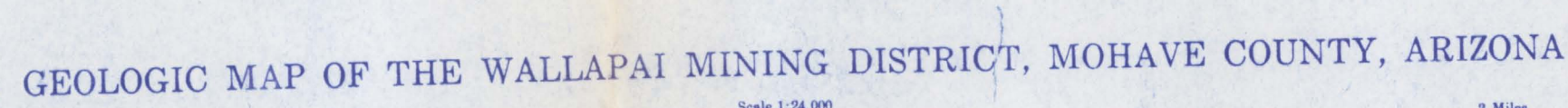
CONSTRAINTS STATEMENT

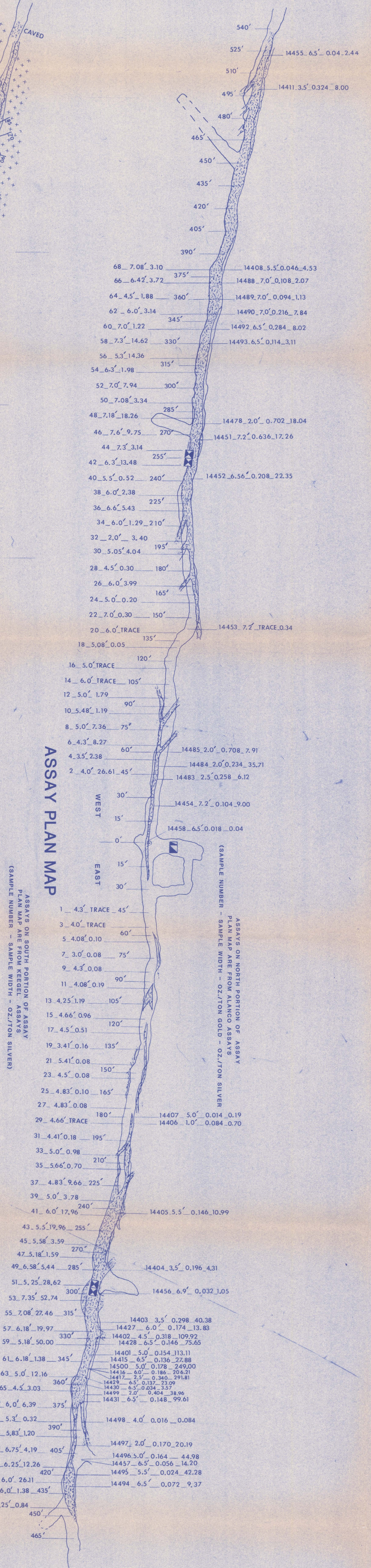
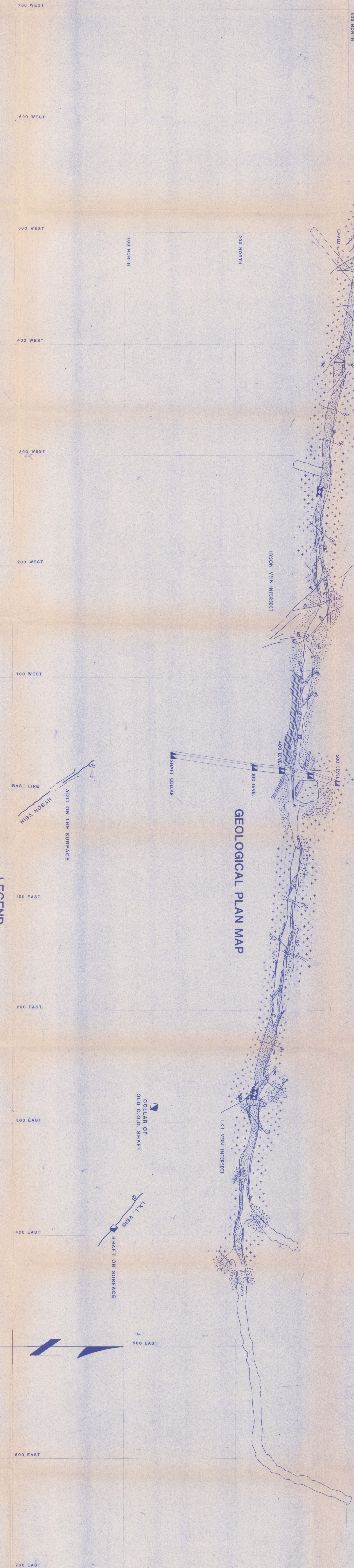
The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.





LEGEND

POPHYRITIC - GNEISSOIDAL GRANITE

CHLORITE SCHIST - FINE GRAINED

GRANITE APLITE - PREDOMINANTLY DYES

BRECCIATED GROUND

MINERALIZED VEIN

CAVED AREAS

FAULTS - SHOWING DIP

ADIT ON THE SURFACE

COLLAR OF OLD O.D.D. SHAFT

SHAFT ON SURFACE

I&L VEIN

GEOLOGICAL AND ASSAY PLAN MAP

500 FOOT LEVEL

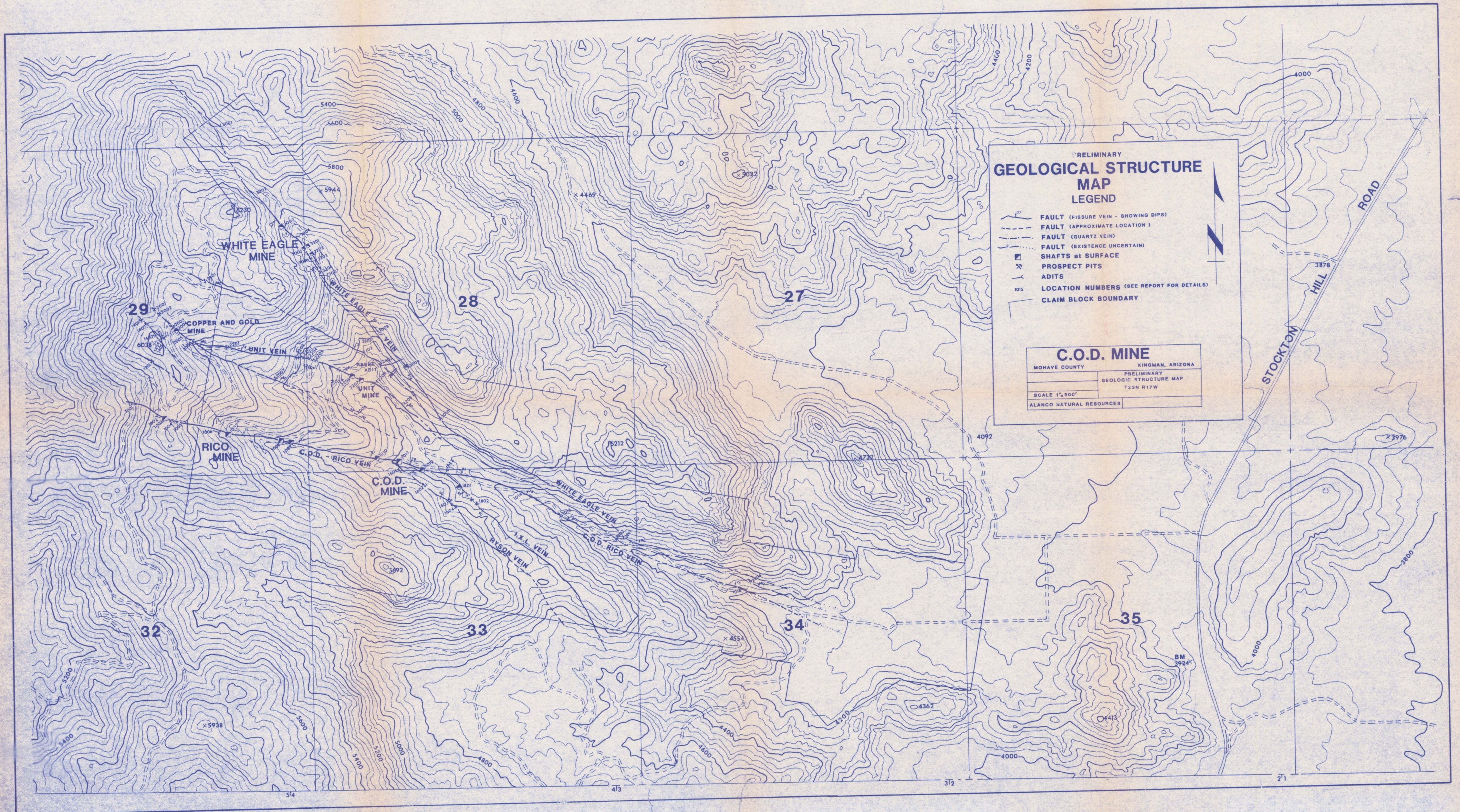
C.O.D. MINE

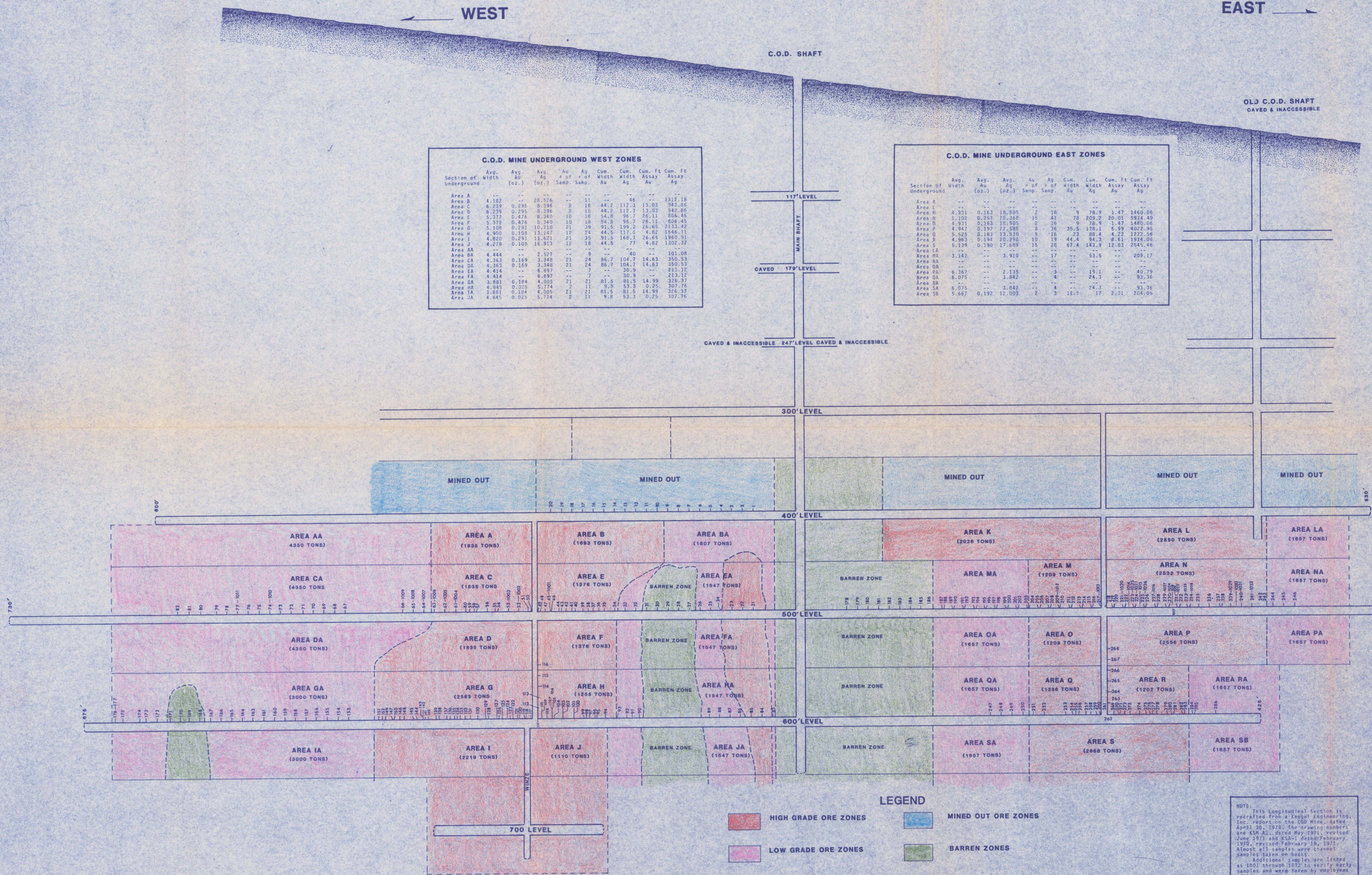
MOHAVE COUNTY

KINGMAN, ARIZONA

SCALE 1"=30'

ALANCO NATURAL RESOURCES



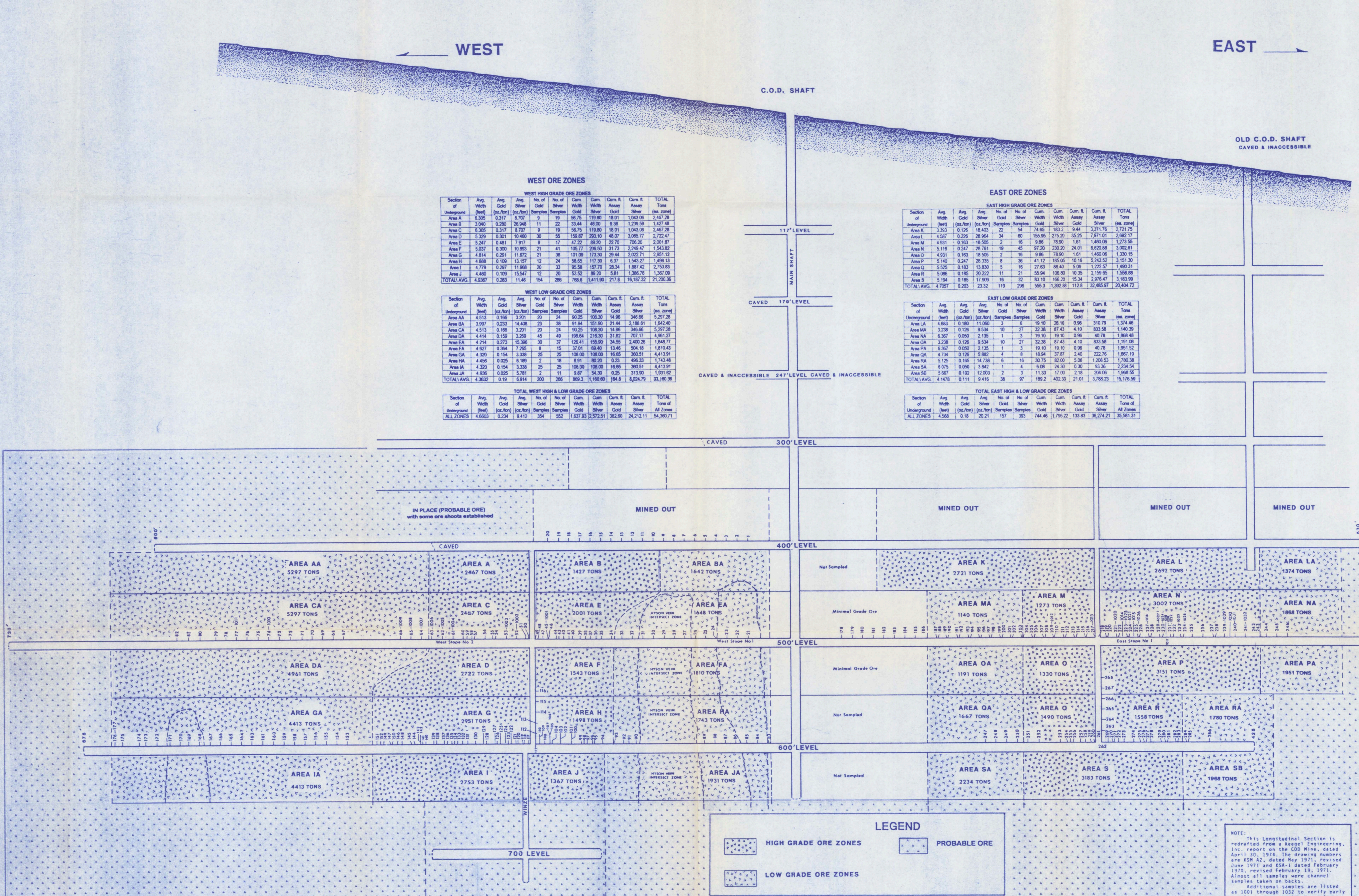


SAMPLE # & ASSAYS												
ASSAY	Au Oz.	Ag Oz.	WIDTH FEET	ASSAY	Au Oz.	Ag Oz.	WIDTH FEET	ASSAY	Au Oz.	Ag Oz.	WIDTH FEET	
1		4.5	4	97	0.01	0.25	3.5	192		9.54	1.1	
2		2.35	5	98	0.24	16.04	3.5	193		0.1	4.8	
3		0.96	4.5	99		7.44	4	194		0.78	0.9	
4		4.48	6.5	100		27.7	4	195		0.08	4.3	
5		0.49	5	101	0.06	22.46	4	196		1.12	1.9	
6		0.18	4	102	0.07	7.48	4	197		0.07	4.5	
7		2.29	4.5	103	1.16	4.3	4.3	198		16.37	1.9	
8		0.36	4	104	0.14	54.1	4.7	199		0.18	4.4	
9		21.6	5	105		26.54	2.5	200		17.43	1	
10		21.6	5	106	0.26	54.48	2.5	201		0.88	5	
11		113.3	4	107	0.02	0.84	2	202		34.24	2.8	
12		0	4	108		21.4	9.9	203		0.77	4.8	
13		43.57	4.5	109		24.25	5	204		9.32	1.8	
14		10.16	4	110	0.16	13.88	4	205		0.66	4.3	
15		35.82	4	111	0.08	8.12	6	206		19.92	2.4	
16		16.68	3.5	112		5.54	7.5	207		37.78	5	
17		10	4	113		4.2	7.5	208		37.96	6.1	
18		20.34	4	114		5.02	8	209		17.96	6	
19		30.28	4.5	115		7.95	7.5	210		16.3	3.5	
20		5.12	6	116		6.09	5.5	211		33.59	5.4	
21		26.61	4	117		8.14	4.6	212		9.08	5.5	
22		2.08	3.5	118		0.2	2.51	6.3		38.97	4.8	
23		8.27	4.3	119		9.14	6	213		32.72	6.1	
24		7.36	3	120		2.56	6.3	214		1.59	5.2	
25		1.19	5	121	0.04	10.1	5	215		36.76	6	
26		1.79	5	122	0.78	13.08	5	216		5.44	6.6	
27		Tr	6	123		0.26	5.02	5	217		2.52	2.1
28		Tr	6	124	0.26	14.68	4	218		17.49	4.3	
29		0.9	5.1	125	0.26	5.02	5	219		8.99	6.9	
30		Tr	6	126		0.26	5.02	5	220		10.89	6.5
31		0.3	7	127	0.3	4.62	4	221		17.89	7.3	
32		0.2	5	128		0.48	5.6	222		22.46	7.1	
33		0.3	6	129	0.48	16.08	224	223		19.97	6.2	
34		6.3	4.5	130		0.62	6.3	225		30.94	4.7	
35		0.4	5.5	131	0.26	9.69	5	226		26.18	4.5	
36		4.04	5	132	0.19	17.85	6	227		16.4	4.6	
37		3.4	2	133	0.12	4.24	5	228		30.94	4.7	
38	0.48	6.67	6	134	0.19	17.85	6	229		16.4	4.6	
39		1.29	6	135	0.32	9.69	4	230		12.76	6.3	
40		0.5	5.65	5	136	0.4	6.02	5	231		12.76	6.3
41		0.4	15.82	8	137	0.65	5.7	232		3.63	4.5	
42		0.4	15.82	8	138	0.76	34.46	6	233		3.63	4.5
43		0.4	15.82	8	139	0.65	5.7	234		3.63	4.5	
44		0.45	6.05	6.2	140	0.26	19.06	6	235		0.84	6
45		4.52	5.5	141	0.12	5.4	3.6	236		0.32	8.3	
46	0.42	11.64	4	142	0.12	5.4	3.6	237		0.32	8.3	
47		1.1	4.44	6.6	143	0.04	4.46	3	238		28.42	2.2
48		0.2	8.2	3	144	0.12	5.4	3.6	239		4.19	3.8
49		0.2	8.2	3	145	0.12	5.4	3.6	240		26.18	4.5
50	0.45	13.36	7.5	146	0.12	1.98	4	241		26.18	4.5	
51		3.14	7.3	147	0.44	22.44	2.5	242		17.49	4.3	
52		0.2	8.2	3	148	0.12	1.98	4	243		21.36	1.6
53		0.2	8.2	3	149	0.08	2.26	3	244		0.84	6.3
54		3.34	2.1	150	0.12	7.72	3	245		0.66	5.7	
55	0.15	2.56	6	151	0.16	5.2	3	246		5.49	5.6	
56		7.94	7	152	0.33	8.04	4.8	247		2.76	5.4	
57		1.08	6.3	153	0.33	5.2	3	248		1.85	6.2	
58	0.25	4.44	5	154	0.29	5.2	4	249		2.28	4.7	
59	0.2	9.6	4	155	0.2	4	5	250		0.62	5.2	
60		14.36	5.5	156	0.5	6.4	4	251		6.48	3.8	
61		14.62	7.3	157	0.2	5	3.3	252		9.02	7.5	
62		6.22	4.3	158	0.21	6.3	3.3	253		3.64	5.5	
63		5.14	6	159	0.12	3.75	4	254	0.5	4.76	3	
64		1.88	4.8	160	0.07	1.85	4.5	255		0.38	21.05	
65		0.2	8.2	3	161	0.14	1.4	4	256		0.38	21.05
66		3.1	7.1	162	0.2	2.2	3.8	257		22.08	5.3	
67	0.24	7.08	3.5	163	0.16	1.72	4.3	258		0.16	24.4	
68	0.2	4.46	4.8	164	0.26	1.72	4.3	259		18.96	6.4	
69	0.2	7.4	3.5	165	0.24	2.64	4.1	260	0.06	15.26	6	
70	0.16	2.2	3.06	166	0.2	3.06	4	261		15.14	5.8	
71	0.11	5.95	2.6	167	0.3	0.67	5	262	0.12	23.08	6	
72	0.26	4.3	3.5	168	Tr	0.08	5	263		15.14	5.8	
73	0.14	4.22	3.3	169	0.08	0.09	7	264		15.14	5.8	
74	0.2	0.96	3.5	170	0.02	0.38	6.5	265		15.26	6	
75	0.85	2.96	4.5	171	0.04	0.3	6.5	266		15.26	6	
76	0.06	1.8	3.5	172	0.12	2.94	1.5	267		10.22	5	
77	0.03	1.11	3.5	173	0.1	0.48	2	268		10.22	5	
78	0.04	0.6	3.3	174	0.11	0.99	1.5	269		10.22	5	
79	0.1	0.65	3	175	0.08	4.23	6	270		6.74	6.4	
80	0.03	4.15	3.5	176	0.12	4.83	5	271		22.12	5.6	
81	0.28	3.78	4	177	0.09	8.4	4	272		0.08	7.2	
82	0.06	2.1	3.8	178	Tr	4.3	273	0.73	0.4	9.92	4	
83		1.51	2.8	179	Tr	4	274	0.73	0.4	9.92	4	
84		17.46	6.2	180		0.1	4.1	275	0.21	45.65	5	
85		3.9	5.6	181		0.08	3	276	0.06	11.78	5.5	
86		1.28	4.8	182		0.08	4.8	277	0.01	0.72	3	
87		1.33	4.3	183		0.19	4.1	278	0.22	3.14	4.4	
88		1.04	7	184		0.19	4.3	279	0.01	0.72	3	
89		6.14	7	185		0.36	4.7	280	0.36	49.68	3	
90	0.03	8.25	5.3	186		0.51	4.5	281	0.18	28.6	5.5	
91	0.02	9.54	4.5	187		0.16	3.4	282		0.06	12.02	
92		2.46	4.3	188		12.36	0.5	283	0.06	93.64	5.5	
93		6.94	4.2	189		0.08	5.9	284		0.49	5.6	
94		0.1	5.9	190		9.14	7	285		38	39.06	
95	0.04	0.66	3.5	191		0.08	4.5	286	0.02	1.42	6	
96		7.3	4.6									

SAMPLE # & ASSAYS											
ASSAY #	Au Oz.	Ag Oz.	Width Feet	ASSAY #	Au Oz.	Ag Oz.	Width Feet	ASSAY #	Au Oz.	Ag Oz.	Width Feet
1001	0.208	22.35	6.5	1012	0.132	23.09	6.5				
1002	0.626	17.26	7.2	1018	0.84	3.57	6.5				
1003	0.702	18.04	2	1019	0.148	99.61	6.5				
1004	0.114	3.11	6.5	1020	0.808	49.17	4.5				
1005	0.284	8.07	6.5	1021	0.16	5.46	5				
1006	0.216	7.84	7	1022	0.12	118.86	5				
1007	0.046	4.53	5	1023	0.07	12.67	5				
1008	0.108	2.07	7	1024	0.096	50.64	4				
1009	0.046	4.53	5	1025	0.298	40.38	3.5				
1010	0.324	8	3.5	1026	0.318	109.99	4.5				
1011	0.064	2.44	6.5	1027	0.136	87.88	6.5				
1012	0.146	10.99	5	1028	0.104	37.95	5				
1013	0.19	4.31	3.5	1029	0.17	20.19	2				
1014	0.134	35.47	6	1030	0.16	44.96	5				
1015	0.14	12.63	6	1031	0.195	14.2	6				
1016	0.146	75.65	6.5	1032	0.24	42.28	5.5				

C.O.D. MINE
MOHAVE COUNTY KINGMAN, ARIZONA
LONGITUDINAL SECTION
ALONG C.O.D. VEIN
ASSAY MAP
ALANCO NATURAL RESOURCES
SCALE 1"=50'

NOTE: This Longitudinal Section is redrafted from a Keegan Engineering, Inc. report on the C.O.D. Mine, dated April 30, 1975. The drawing number is KSM A2, dated May 1971, revised June 1971 and KSM-C dated February 1970, revised February 19, 1971. Almost all samples were channel samples taken on hauls. Additional samples are listed as 1001 through 1032 to verify early samples and were taken by employees of Alanco Ltd.



SAMPLE # & ASSAYS											
ASSAY #	Au Oz.	Ag Oz.	WIDTH FEET	ASSAY #	Au Oz.	Ag Oz.	WIDTH FEET	ASSAY #	Au Oz.	Ag Oz.	WIDTH FEET
1	-	4.5	4	97	0.01	0.25	3.5	192	-	9.54	1.1
2	-	2.35	5	98	0.24	16.04	3.5	193	-	0.11	4.8
3	-	0.98	4.5	99	-	2.44	7	194	-	0.25	0.9
4	-	4.48	4.5	100	-	1.27	6.9	195	-	0.08	4.3
5	-	0.49	5	101	0.06	23.48	4	196	-	11.72	1.9
6	-	0.18	4	102	0.02	7.48	5	197	-	16.37	4.7
7	-	2.29	4.5	103	-	11.18	4.3	198	-	17.43	1
8	-	8.38	4	104	0.14	54.1	4	199	-	0.18	4.4
9	-	0.4	6	105	-	47.08	4.7	200	-	17.43	1
10	-	21.6	5	106	0.26	54.48	2.5	201	-	0.98	5
11	-	113.3	4	107	0.02	0.84	5	202	-	34.24	2.8
12	-	8	4	108	0.21	52.97	4	203	-	0.7	5.7
13	-	43.52	4.5	109	-	24.25	5	204	-	8.32	1.2
14	-	13.59	4	110	0.16	13.88	4	205	-	9.86	4.8
15	-	35.57	4	111	-	0.88	5.12	206	-	19.1	2.4
16	-	16.68	3.5	112	-	5.54	7.5	207	-	3.78	5
17	-	10	4	113	-	4.72	7.5	208	-	27.69	6.1
18	-	20.34	4	114	-	5.02	8	209	-	17.96	6
19	-	30.28	4	115	-	7.96	7.5	210	-	16.3	3.5
20	-	5.12	5	116	-	6.08	5.5	211	-	19.96	5.5
21	-	26.63	3.5	117	-	8.14	4.6	212	-	9.08	6.5
22	-	1.88	3.5	118	0.2	3.6	5	213	-	3.59	5.6
23	-	8.27	4.3	119	-	9.14	6	214	-	38.97	4.8
24	-	1.36	3	120	-	2.56	6.3	215	-	1.59	5.7
25	-	1.19	5.1	121	0.04	10.1	5	216	-	22.72	6.1
26	-	1.79	5	122	0.18	13.06	5	217	-	5.44	6.4
27	-	1r	6	123	0.17	3.55	5.5	218	-	2.52	2.1
28	-	0.5	5.1	124	0.26	5.02	5	219	-	28.62	5.3
29	-	1r	6	125	0.1	5.2	5	220	-	8.59	6.9
30	-	0.3	7	126	0.3	4.62	4	221	-	18.93	6.5
31	-	0.2	6	127	0.1	4.5	5	222	-	1.44	6.2
32	-	3.99	6	129	0.48	36.08	5	224	-	15.94	5
33	-	6.3	4	130	0.17	6.95	5	225	-	26.18	4.5
34	-	4.04	5	131	0.28	6.95	5	226	-	1.88	6.3
35	-	0.4	5	132	0.12	4.24	5	227	-	16.4	4.2
36	-	0.45	5.9	133	0.12	4.24	5	228	-	30.04	4.7
37	-	3.4	2	134	0.38	8.68	5	229	-	1.88	6.3
38	0.45	6.67	7	135	0.32	8.68	5	230	-	16.4	4.2
39	-	1.29	6	136	0.32	9.68	4	231	-	12.16	5
40	-	0.5	5.65	137	0.4	6.02	5	232	-	29.66	3.3
41	-	1.41	6.6	138	0.76	24.46	6	233	-	3.63	4.5
42	-	0.45	15.82	139	10.42	6.3	234	-	5.84	0.8	
43	-	2.4	5	140	0.26	19.06	6	235	-	6.39	6
44	0.45	6.05	6	141	4.52	5.4	3.6	236	-	0.32	5.3
45	-	1.52	5.5	142	0.12	4.16	4	237	-	4.2	5.8
46	0.42	11.64	4	143	0.04	4.6	3	238	-	28.42	4.2
47	-	1.44	6.3	144	0.17	5.42	3	239	-	4.19	6.8
48	-	0.19	6.3	145	1.58	5.3	3	240	-	12.26	6.3
50	0.45	13.36	7.5	146	0.12	1.98	4	241	-	26.11	6
51	-	3.1	7.1	147	0.14	22.44	2.2	242	-	1.39	6
52	-	9.35	7.5	148	0.08	2.16	5.7	243	-	21.36	1.6
53	-	10.26	7.1	149	0.08	2.16	5.7	244	-	5.49	5.6
54	-	0.34	7.1	150	0.16	5.2	7.22	245	-	0.66	7.2
55	0.15	5.16	5.6	151	0.16	5.2	7.22	246	-	5.49	5.6
56	-	7.94	7	152	0.8	4.04	2.47	247	-	2.76	5.4
57	-	1.98	6.3	153	0.33	5.5	3.3	248	-	2.7	8
58	0.25	4.44	5.3	154	0.29	9.2	4	249	-	2.78	4.7
59	-	0.2	9.6	155	0.2	4	5	250	-	0.99	6.2
60	-	14.36	5.3	156	0.4	6.4	4	251	-	6.46	5.8
61	-	14.62	7.3	157	0.2	5	3.3	252	-	8.07	7.5
62	-	5.14	6	159	0.17	3.75	4	253	-	5.4	6.2
63	-	1.88	4	160	0.07	1.85	4.5	254	-	0.4	7.6
64	-	3.72	6.4	161	0.14	1.4	4	255	-	4.74	5.2
65	-	0.15	9.2	162	0.1	2.2	3.8	256	-	0.38	21.05
66	-	0.24	7.88	163	0.16	2.6	4	258	-	0.16	26.4
67	-	0.54	4.3	164	0.26	1.22	4	259	-	18.96	6.4
68	-	0.2	7.4	165	0.24	2.64	4.1	260	-	0.06	12.4
69	-	0.16	2.2	166	0.22	3.96	4.8	261	-	15.14	6
71	0.11	5.95	2.6	167	0.3	0.87	5	262	-	0.12	23.08
72	-	0.4	3	168	0.07	0.38	6.5	263	-	15.14	6
73	0.14	4.27	3.3	169	0.08	0.67	3	264	-	15.14	6
74	-	0.2	0.96	170	0.07	0.38	6.5	265	-	15.26	6
75	0.85	2.96	4.5	171	0.04	0.8	6	266	-	5.76	5.5
76	-	0.06	1.8	172	0.12	3.04	1.5	267	-	10.22	6.4
77	0.03	1.11	3.6	173	0.11	8.48	7	268	-	27.14	6.4
78	-	2.16	3.3	174	0.11	8.99	2	269	-	0.4	8.32
79	0.1	0.65	3	175	0.08	4.23	8	270	-	15.6	6.9
80	0.03	4.35	5.3	176	0.17	4.83	4	271	-	0.32	7.44
81	-	0.28	3.78	177	0.09	8.4	4	272	-	0.08	4.72
82	0.06	2.1	3.8	178	-	Tr	4.3	273	-	0.04	9.92
83	-	1.51	7	179	-	Tr	4	274	-	42.62	6.5
84	-	17.46	6.2	180	-	0.1	4.1	275	-	0.21	45.68
85	-	1.78	4.9	181	-	0.08	3	276	-	11.78	5
86	-	1.78	4.9	182	-	0.08	4.8	277	-	0.06	12.02
87	-	1.78	4.9	183	-	0.08	4.8	278	-	0.22	3.14
88	-	1.04	7	184	-	1.19	4.3	279	-	0.01	0.72
89	-	6.14	3	185	-	0.96	4.7	280	-	18.96	5.5
90	0.03	8.25	5.3	186	-	0.51	4.5	281	-	0.18	26.8
91	0.02	9.54	5.3	187	-	0.16	3.4	282	-	1.09	5.5
92	-	2.46	4.3	188	-	12.36	8	283	-	0.06	91.64
93	-	6.94	4.2	189	-	0.05	5.9	284	-	49.49	5.5
94	-	0.1	5.9	190	-	0.24	7	285	-	0.38	35.06
95	0.04	0.66	5.5	191	-	0.08	4.5	286	-	0.02	1.42
96	-	7.3	4.6								

SAMPLE # & ASSAYS											
ASSAY #	Au Oz.	Ag Oz.	Width Feet	ASSAY #	Au Oz.	Ag Oz.	Width Feet	ASSAY #	Au Oz.	Ag Oz.	Width Feet
1001	0.208	22.35	6.5	1017	0.132	23.09	6.5				
1002	0.636	12.26	7.2	1018	0.84	3.57	6.5				
1003	0.702	18.04	7	1019	0.148	99.61	6.5				
1004	0.114	3.11	6.5	1020	0.808	45.17	6.5				
1005	0.284	8.07	6.5	1021	0.16	46	5				
1006	0.216	7.84	7	1022	0.12	118.88	5				
1007	0.094	1.13	7	1023	0.07	12.67	5				
1008	0.168	2.07	7	1024	0.096	52.84	4				
1009	0.046	4.53	5.5	1025	0.298	40.38	3.5				
1010	0.324	8	5	1026	0.318	109.92	4.5				
1011	0.064	2.44	6.5	1027	0.136	27.88	6.5				
1012	0.146	10.99	5.5	1028	0.404	33.96	2				
1013	0.119	4.31	3.5	1029	0.17	20.19	2				
1014	0.114	35.47	6	1030	0.16	44.38	2				
1015	0.174	17.83	6	1031	0.056	14.2	6.5				
1016	0.146	75.65	6.5	1032	0.24	42.28	5.5				

