

BLACK MESA COMPLEX

BLACK MESA AND KAYENTA MINES

Sedimentation Structures/Impoundments
"As-Built" Drawings
Impoundment Certification/Reclamation Status



BLACK MESA AND KAYENTA MINE "AS-BUILTS"
Impoundment Certification/Reclamation Status

The following Table 1 shows when a structure has been certified by a Registered Professional Engineer after the structure has been constructed, after remedial work has been performed, or when the structure has been reclaimed, based on the sediment and water control structures reference index in Chapter 6, Table 4. Although Volumes 7A to 7F are not part of the Kayenta or Black Mesa permits, the intention is to provide the mine personnel and inspecting regulatory authority a reference copy of the "as-built" certification drawing, or indicate when a structure is reclaimed. The as-built certification for roads is included on Drawing No. 85400. Table 1 will be updated periodically when changes occur to this Table.



TABLE 1

Black Mesa/Kayenta Mines
Impoundment Certification/Reclamation
Status Table

<u>OBS</u>	<u>Structure ID</u>	<u>Location Reference</u>	<u>Const. Cert.** Engineer</u>	<u>Date of** Const. Cert.</u>	<u>Reclamation Date*</u>
1	BM-A1	Vol. 2	LK	11/22/85	--
2	BM-B	Vol. 7A	RL	06/24/99	--
3	BM-FWP	Vol. 2	JS	04/23/98	--
4	BM-SS	Vol. 7A	RL	06/24/99	--
5	BM-T	Vol. 7A	RL	10/25/01	--
6	BM-TW	Vol. 2	JS	04/23/98	--
7	CW-A	Vol. 2	JS	04/23/98	1993
8	CW-B	Vol. 1	N/A	N/A	--
9	J1-A	Vol. 2	RL	05/13/04	--
10	J2-A-Dam	Vol. 7A, 22	JS	12/22/86	--
11	J3-A	Vol. 7A	JS	06/23/97	--
12	J3-B	Vol. 7A	JS	06/09/97	1993
13	J3-C	Vol. 1	N/A	N/A	--
14	J3-D	Vol. 7A	JS	10/29/96	--
15	J3-E	Vol. 7A	BW	03/05/91	--
16	J3-F	Vol. 7A	JS	09/14/87	--
17	J3-G	Vol. 7A	JS	09/07/89	--
18	J3-H	Vol. 2	RL	03/03/00	--
19	J3-SL	Vol. 2	RL	02/29/00	--
20	J7-A	Vol. 7A	RB	12/14/95	1996
21	J7-B	Vol. 1	N/A	N/A	--
22	J7-B1	Vol. 7A	RB	09/27/95	2011
23	J7-CD	Vol. 7A	N/A	N/A	--
24	J7-Dam	Vol. 22	JS	12/03/85	2011
25	J7-E	Vol. 7A	JS	10/28/96	2011
26	J7-F	Vol. 7A	N/A	N/A	--
27	J7-G	Vol. 7A	JS	06/01/99	--
28	J7-H	Vol. 7A	JS	06/01/99	--
29	J7-I	Vol. 7A	JS	10/01/97	--
30	J7-J	Vol. 7A	JS	06/01/99	--
31	J7-K	Vol. 7A	JS	06/01/99	--
32	J7-L	Vol. 1	N/A	N/A	1998
33	J7-JR	Vol. 7A	JS	10/31/01	--
34	J7-M	Vol. 7A	JS	03/30/98	--
35	J7-N	Vol. 1	N/A	N/A	1998
36	J7-O	Vol. 1	N/A	N/A	1998
37	J7-P	Vol. 1	N/A	N/A	1998
38	J7-Q	Vol. 1	N/A	N/A	1998
39	J7-Q1	Vol. 1	N/A	N/A	--
40	J7-R	Vol. 7A	JS	07/29/98	--
41	J7-R1	Vol. 7A	JS	07/29/98	--

TABLE 1
(Continued)

<u>OBS</u>	<u>Structure ID</u>	<u>Location Reference</u>	<u>Const. Cert.** Engineer</u>	<u>Date of** Const. Cert.</u>	<u>Reclamation Date*</u>
42	J7-S	Vol. 7A	RL	11/05/99	--
43	J7-T	Vol. 7A	RL	10/29/99	--
44	J7-U	Vol. 7A	RL	10/29/99	--
45	J7-V	Vol. 7A	JS	06/22/98	--
46	J16-A	Vol. 22	JS	12/03/85 & 03/08/99	--
47	J16-B	Vol. 1	N/A	N/A	1992
48	J16-C	Vol. 1	N/A	N/A	1992
49	J16-D	Vol. 7A	BW	11/05/91	--
50	J16-E	Vol. 7A	BW	11/05/91	--
51	J16-F	Vol. 7A	RB	11/09/95	--
52	J16-G	Vol. 7A	RB	12/12/95	--
53	J16-H	Vol. 1	N/A	N/A	1992
54	J16-I	Vol. 1	N/A	N/A	2003
55	J16-J	Vol. 1	N/A	N/A	2003
56	J16-K	Vol. 1	N/A	N/A	2003
57	J16-L	Vol. 22	JS	12/03/85 & 06/04/97	--
58	J19-A	Vol. 7A	JS	02/11/05	--
59	J19-B	Vol. 7A	JS	06/25/04	--
60	J19-D	Vol. 7A	JS	08/02/04	--
61	J19-E	Vol. 7A	JS	06/25/04	--
62	J19-RA	Vol. 7A	JS	09/23/05	--
63	J19-RB	Vol. 7A	JS	05/06/06	--
64	J19 Haul Road	Vol. 7A	RL	04/18/94	--
65	J19 Deadhead Rd	Vol. 7A	RL	12/03/97	--
66	J21-A	Vol. 7A	JS	01/05/09	--
67	J21-A1	Vol. 7A	JS	03/15/90	--
68	J21-B	Vol. 1	N/A	N/A	2003
69	J21-C	Vol. 7B	JS	11/16/95	--
70	J21-C2	Vol. 7B	JS	07/09/91	--
71	J21-D	Vol. 7B	JS	12/09/98	2012
72	J21-E	Vol. 7B	JS	01/06/09	2012
73	J21-F	Vol. 7B	JS	03/26/99	--
74	J21-F1	Vol. 7B	JS	03/26/99	--
75	J21-G	Vol. 7B	JS	07/21/03	--
76	J21-G1	Vol. 7B	JS	10/15/04	--
77	J21-H	Vol. 7B	JS	06/30/09	--
78	J21-H1	Vol. 7B	JS	06/30/09	--
79	J21-J	Vol. 1	N/A	N/A	2002
80	J21-T1	Vol. 1	N/A	N/A	1989
81	J21-T2	Vol. 1	N/A	N/A	1989
82	J21-T3	Vol. 1	N/A	N/A	1989
83	J21-T4	Vol. 1	N/A	N/A	1989
84	J27-A	Vol. 7B	JS	06/13/90	--
85	J27-B	Vol. 1	N/A	N/A	1999

TABLE 1
(Continued)

<u>OBS</u>	<u>Structure ID</u>	<u>Location Reference</u>	<u>Const. Cert.** Engineer</u>	<u>Date of** Const. Cert.</u>	<u>Reclamation Date*</u>
130	N2-D	Vol. 1	N/A	N/A	Prelaw
131	N2-E	Vol. 1	N/A	N/A	Prelaw
132	N2-G	Vol. 1	N/A	N/A	2000
133	N2-RA	Vol. 7C	RB	10/12/95	--
134	N2-RB	Vol. 7C	RB	09/20/95	Permanent
135	N2-RC	Vol. 7C	RB	11/01/95 & 06/21/96	Permanent
136	N5-A	Vol. 7C	JS	06/19/89	--
137	N5-A1	Vol. 1	N/A	N/A	1996
138	N5-D	Vol. 7C	RB	12/12/95	--
139	N5-E	Vol. 7C	RB	12/12/95	--
140	N5-F	Vol. 7C	BW	07/01/91	--
141	N5-G	Vol. 7D	JS	06/19/89	--
142	N6-B	Vol. 1	N/A	N/A	Prelaw
143	N6-C	Vol. 7D	JS	06/09/97	2012
144	N6-D	Vol. 7D	JS	06/09/97	2012
145	N6-D1	Vol. 7D	JS	06/23/97	--
146	N6-E	Vol. 7D	JS	09/26/96	--
147	N6-F	Vol. 7D	N/A	N/A	2009
148	N6-G	Vol. 7D	JS	06/19/89	--
149	N6-H	Vol. 7D	JS	06/19/89	--
150	N6-I	Vol. 7D	JS	06/20/90	--
151	N6-J	Vol. 7D	JS	06/20/90	--
152	N6-K	Vol. 7D	JS	07/18/97	--
153	N6-K1	Vol. 7D	N/A	N/A	2006
154	N6-L	Vol. 7D	JS	07/18/97	--
155	N6-M	Vol. 7D	JS	04/09/97	--
156	N6-T1	Vol. 1	N/A	N/A	1991
157	N6-T2	Vol. 1	N/A	N/A	1996
158	N7-A1	Vol. 1	N/A	N/A	2001
159	N7-B	Vol. 1	N/A	N/A	1992
160	N7-C	Vol. 1	N/A	N/A	1992
161	N7-D	Vol. 7D	JS	06/12/90	Permanent
162	N7-E	Vol. 7D	JS	02/16/90	Permanent
163	N7-E1	Vol. 1	N/A	N/A	2001
164	N8-A	Vol. 1	N/A	N/A	2001
165	N8-B	Vol. 1	N/A	N/A	2001
166	N8-B1	Vol. 1	N/A	N/A	2001
167	N8-RA	Vol. 6	JS	12/18/00	Permanent
168	N9-B	Vol. 7D	JS	11/03/06	--
169	N9-B1	Vol. 7D	JS	11/03/06	--
170	N9-B2	Vol. 7D	JS	06/01/07	--
171	N9-C	Vol. 7D	JS	11/03/06	--
172	N9-C1	Vol. 7D	JS	11/03/06	--
173	N9-D	Vol. 7D	JS	11/03/06	--

TABLE 1
(Continued)

<u>OBS</u>	<u>Structure ID</u>	<u>Location Reference</u>	<u>Const. Cert.** Engineer</u>	<u>Date of** Const. Cert.</u>	<u>Reclamation Date*</u>
174	N9-E	Vol. 7D	JS	11/03/06	--
175	N9-F	Vol. 7D	JS	12/29/05	--
176	N9-G	Vol. 7D	JS	11/03/06	--
177	N9-H	Vol. 7D	JS	11/03/06	--
178	N9-I	Vol. 7D	JS	11/03/06	--
179	N10-A	Vol. 7E	JS	10/14/88	--
180	N10-A1	Vol. 7E	NA&JS	09/26/95 & 11/12/96	--
181	N10-A2	Vol. 7E	NA	09/26/95	--
182	N10-B	Vol. 7E	RB	09/18/95	--
183	N10-B1	Vol. 7E	JS	03/05/98	--
184	N10-C	Vol. 7E	RB	07/13/95	--
185	N10-D	Vol. 7E	JS	05/22/98	--
186	N10-D1	Vol. 7E	NA	09/26/95	--
187	N10-E	Vol. 1	N/A	N/A	1994
188	N11-A	Vol. 7E	GA	06/27/08	--
189	N11-A1	Vol. 7E	GA	06/27/08	--
190	N11-A2	Vol. 7E	GA	06/27/08	--
191	N-11 Deadhead Rd	Vol. 7E	RL	12/07/95	--
192	N11-C	Vol. 7E	RL	03/07/95	--
193	N11-E	Vol. 7E	RL	03/07/95	--
194	N11-G	Vol. 7E	RL	05/08/95	--
195	N11-G1	Vol. 7E	RL	05/08/95	--
196	N11-G2	Vol. 7E	JS	06/25/04	--
197	N11-G3	Vol. 1	N/A	N/A	2003
198	N12-A	Vol. 1	N/A	N/A	1994
199	N12-C	Vol. 7E	RL	09/24/01	--
200	N12-C1	Vol. 7E	RL	07/12/94	--
201	N12-C2	Vol. 7E	RL	07/12/94	--
202	N12-F	Vol. 1	N/A	N/A	1994
203	N12-G	Vol. 1	N/A	N/A	1994
204	N12-H	Vol. 1	N/A	N/A	1994
205	N12-I	Vol. 1	N/A	N/A	1994
206	N12-J	Vol. 1	N/A	N/A	1994
207	N12-K	Vol. 1	N/A	N/A	1994
208	N12-L	Vol. 1	N/A	N/A	1994
209	N12-M	Vol. 7E	RL	09/23/94	--
210	N12-N	Vol. 7E	RB	11/20/95	--
211	N13-A	Vol. 1	N/A	N/A	1995
212	N13-B	Vol. 1	N/A	N/A	1995
213	N13-C	Vol. 1	N/A	N/A	1992
214	N13-D	Vol. 1	N/A	N/A	1992
215	N13-E	Vol. 1	N/A	N/A	1995



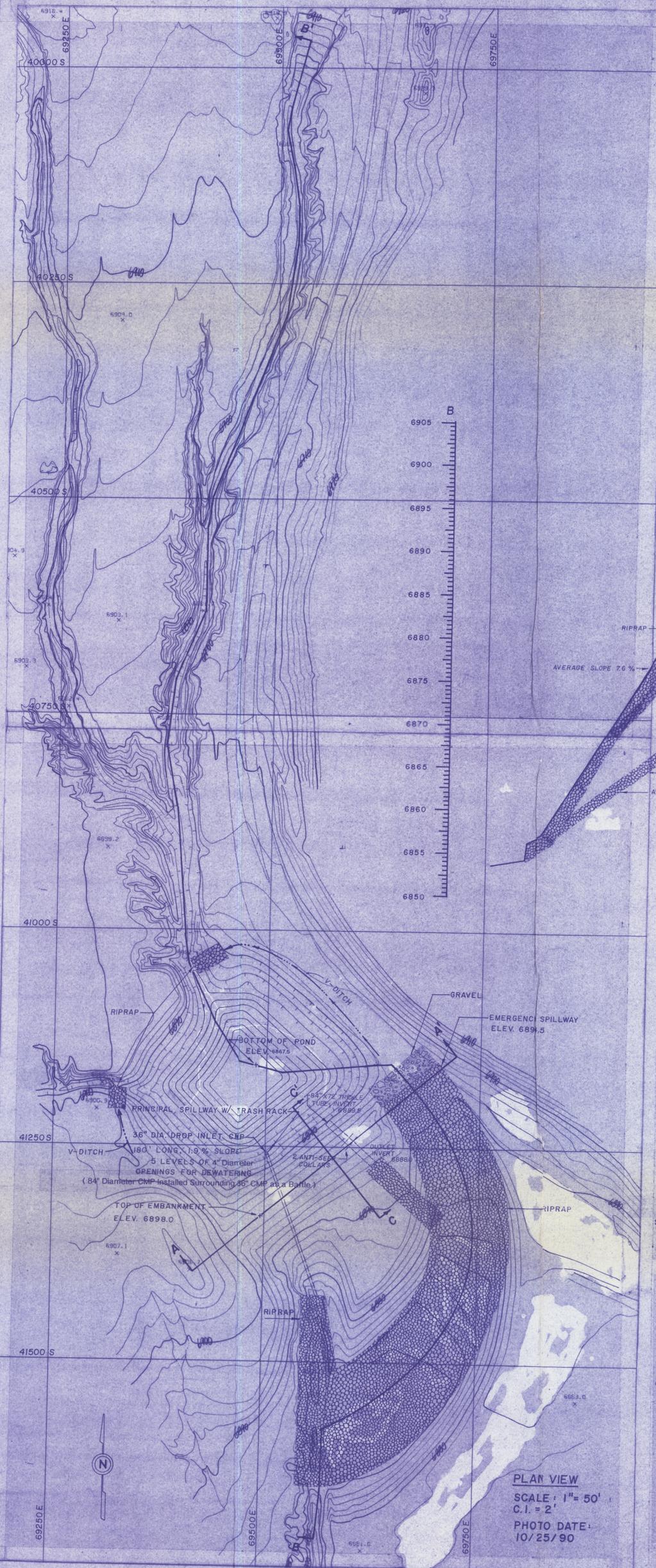
TABLE 1
(Continued)

OBS	Structure ID	Location Reference	Const. Cert.** Engineer	Date of** Const. Cert.	Reclamation Date*
216	N14-A	Vol. 1	N/A	N/A	1992
217	N14-B	Vol. 7F	RB&JS	05/11/95 & 11/14/96	--
218	N14-C	Vol. 7F	RB	11/20/95	--
219	N14-D	Vol. 22	JS	12/03/85	--
220	N14-E	Vol. 22	JS	12/03/85	--
221	N14-F	Vol. 22	JS	12/03/85	--
222	N14-G	Vol. 22	JS	12/03/85	--
223	N14-H	Vol. 22	JS	12/03/85	--
224	N14-L	Vol. 1	N/A	N/A	1991
225	N14-M	Vol. 1	N/A	N/A	2003
226	N14-N	Vol. 1	N/A	N/A	1992
227	N14-O	Vol. 1	N/A	N/A	1992
228	N14-P	Vol. 7F	RB	11/20/95	--
229	N14-Q	Vol. 7F	RB	04/13/95	--
230	N14-R	Vol. 1	N/A	N/A	1992
231	N14-S	Vol. 1	N/A	N/A	1992
232	N14-T	Vol. 7F	JS	02/14/97	--
233	TPC-A	Vol. 7F	JS	06/13/90	--
234	TPF-A	Vol. 7F	RB	12/18/95	--
235	TPF-B	Vol. 1	N/A	N/A	1992
236	TPF-C	Vol. 1	N/A	N/A	1992
237	TPF-D	Vol. 7F	RB	11/22/95	--
238	TPF-E	Vol. 7F	JS	10/09/97	--
239	TS-A	Vol. 7F	BW	12/13/91	--
240	TS-B	Vol. 7F	BW & RL	12/13/91 & 7/20/95	--
241	Transfer 23/24 HR	Vol. 7F	BW	10/29/91	--
242	WW-2	Vol. 7F	RL	10/29/99	--
243	WW-3	Vol. 7F	RL	06/24/99	--
244	WW-4	Vol. 7	JS	12/14/85	--
245	WW-5	Vol. 7F	RL	06/24/99	--
246	WW-6	Vol. 7F	RL	10/29/99	--
247	WW-9	Vol. 1	N/A	N/A	2000
248	WW-9A	Vol. 7F	RL	02/15/01	--
249	WW-9B	Vol. 7F	RL	02/15/01	--
250	WW-9C	Vol. 7F	RL	02/15/01	--
251	WW-9D	Vol. 1	N/A	N/A	2000

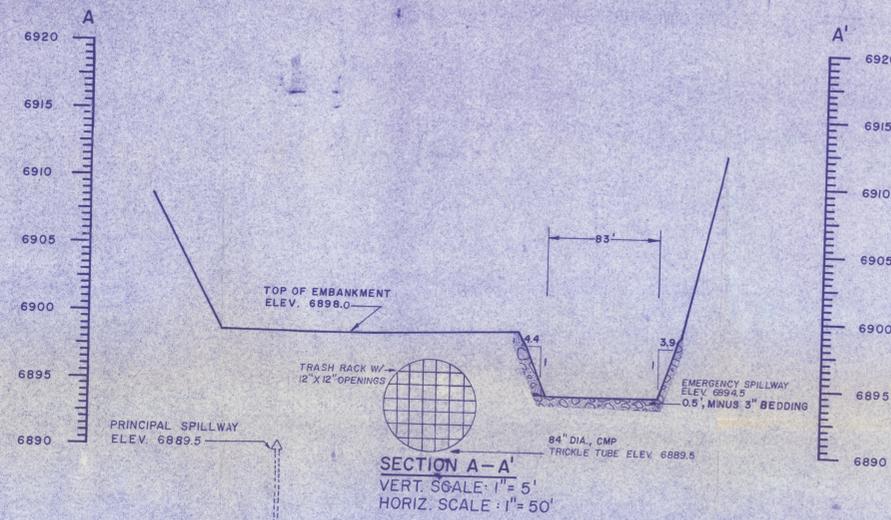
• Calendar year basis

** Not applicable

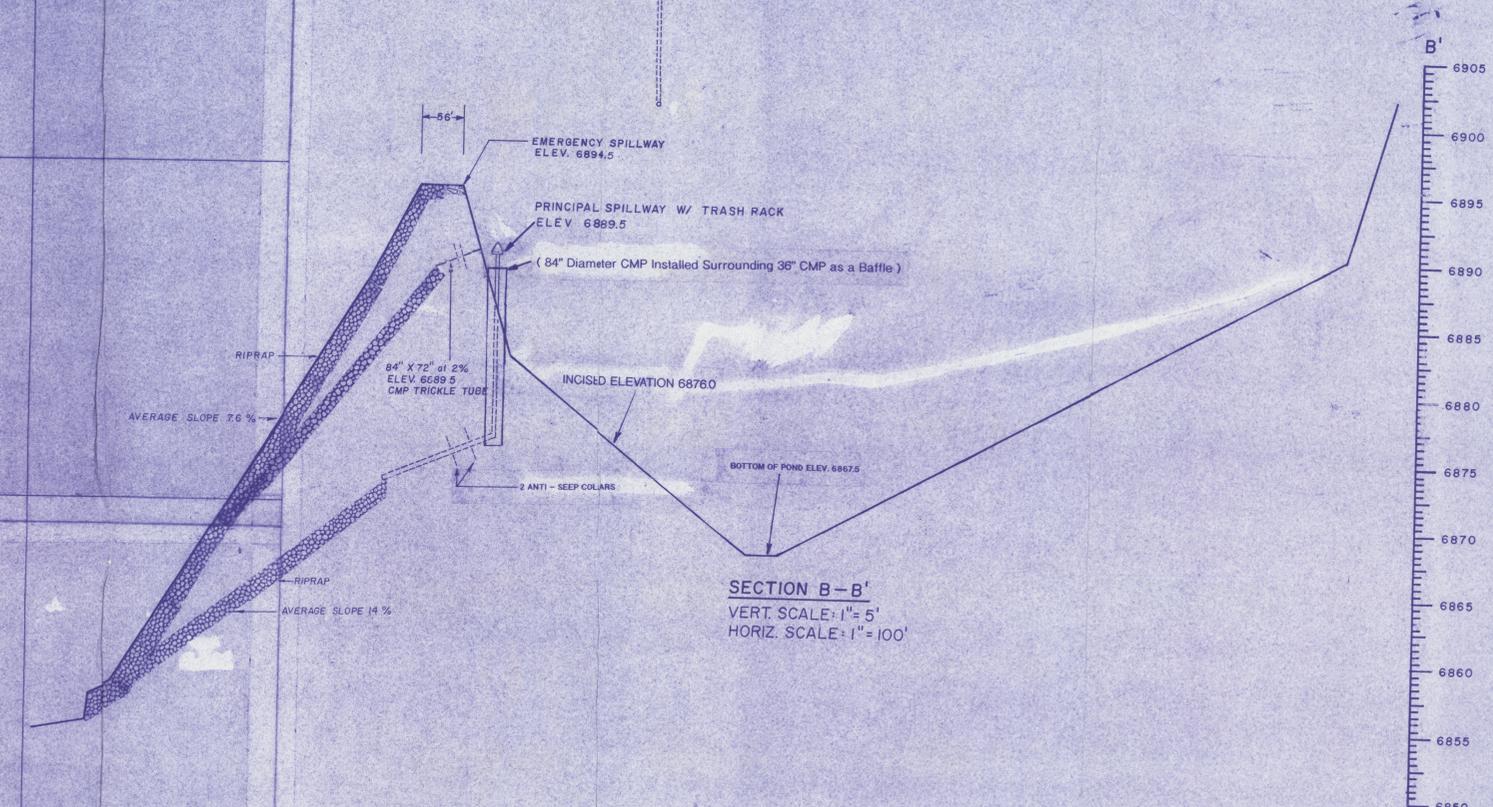




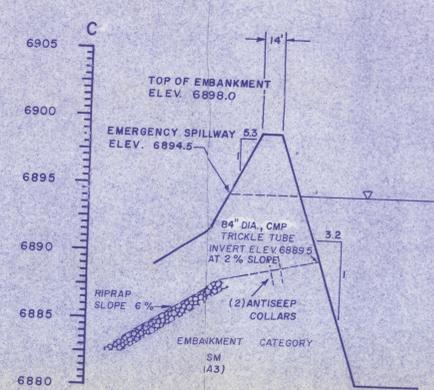
PLAN VIEW
SCALE: 1" = 50'
C.I. = 2'
PHOTO DATE: 10/25/90



SECTION A-A'
VERT. SCALE: 1" = 5'
HORIZ. SCALE: 1" = 50'

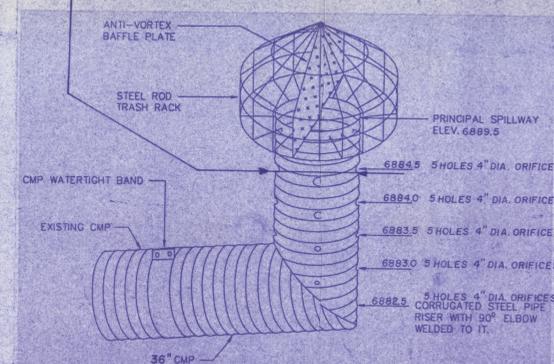


SECTION B-B'
VERT. SCALE: 1" = 5'
HORIZ. SCALE: 1" = 100'

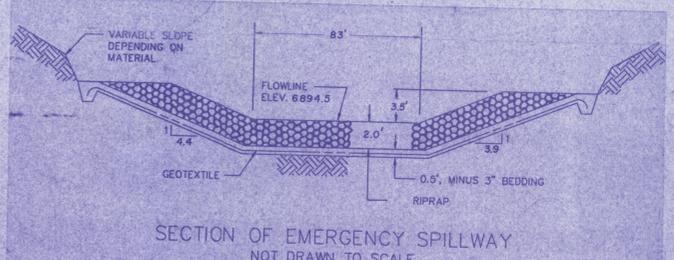


SECTION C-C'
VERT. SCALE: 1" = 5'
HORIZ. SCALE: 1" = 50'

(84" Diameter CMP Installed Surrounding 36" CMP as a Baffle)
see Section B-B'



PRINCIPAL SPILLWAY DETAIL
(NOT DRAWN TO SCALE)



SECTION OF EMERGENCY SPILLWAY
NOT DRAWN TO SCALE

J21-C POND STAGE CAPACITY TABLE Revised 10/95					
ELEVATION (ft-msl)	STAGE (ft)	AREA (acres)	CAPACITY (ac-ft)	TOTAL CAPACITY (ac-ft)	DESCRIPTION
6867.5	0.0	0.00	0.00	0.00	BOTTOM OF POND
6868.0	0.5	0.10	0.03	0.03	
6870.0	2.5	0.14	0.24	0.27	
6872.0	4.5	0.18	0.32	0.59	
6874.0	6.5	0.24	0.42	1.01	
6875.0	7.5	0.27	0.26	1.28	
6876.0	8.5	0.30	0.29	1.55	INCISED ELEVATION
6878.0	10.5	0.38	0.68	2.23	
6880.0	12.5	0.46	0.84	3.07	
6882.0	14.5	0.58	1.02	4.09	
6882.5	15.0	0.66	0.31	4.39	4" DIA. ORIFICES
6883.0	15.5	0.75	0.35	4.74	4" DIA. ORIFICES
6883.5	16.0	0.85	0.40	5.14	4" DIA. ORIFICES
6884.0	16.5	0.94	0.45	5.59	4" DIA. ORIFICES
6884.5	17.0	1.00	0.49	6.08	4" DIA. ORIFICES
6886.0	18.5	1.18	1.64	7.71	
6888.0	20.5	1.44	2.62	10.33	
6889.5	22.0	1.66	2.33	12.66	PRINCIPAL SPILLWAY
6890.0	22.5	1.74	0.85	13.51	
6892.0	24.5	2.06	3.80	17.31	
6894.0	26.5	2.52	4.58	21.89	
6894.5	27.0	2.63	1.29	23.17	EMERGENCY SPILLWAY
6896.0	28.5	2.99	4.22	27.39	
6898.0	30.5	3.56	6.55	33.94	TOP OF EMBANKMENT

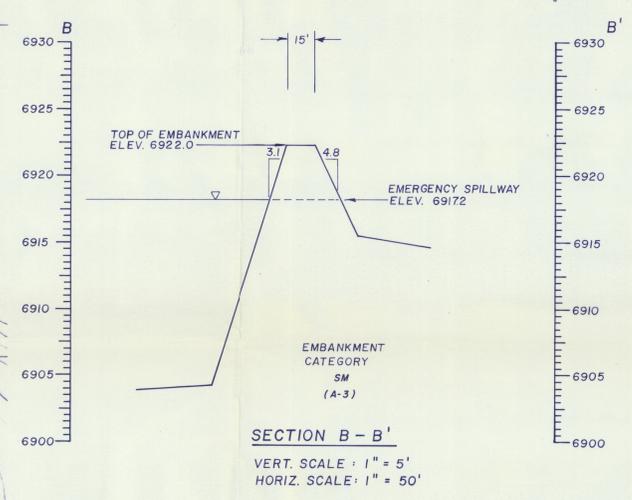
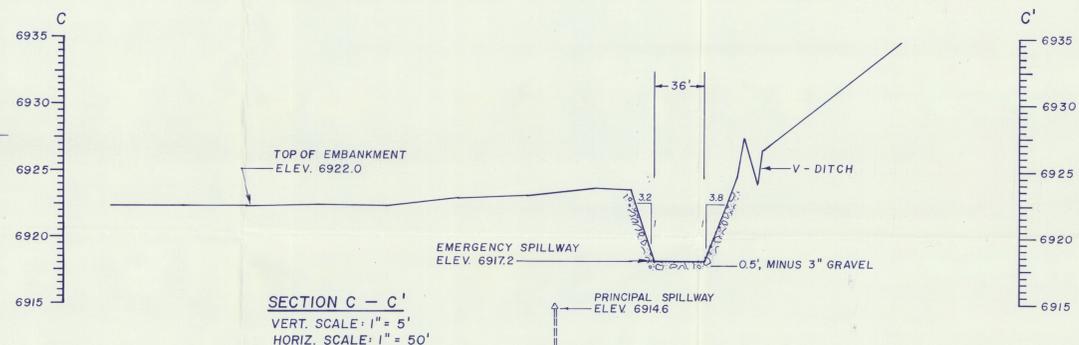
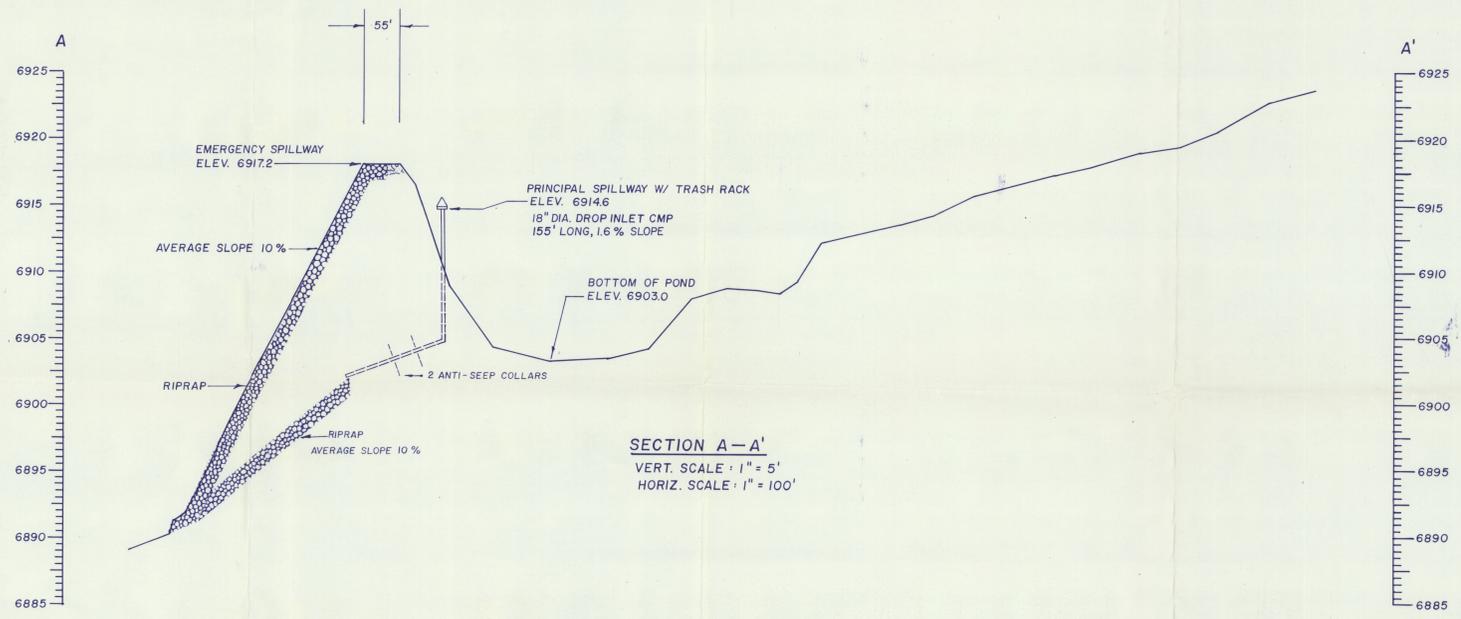
I certify this situation structure was constructed in accordance with the approved mining permit and that the information contained herein accurately describes the constructed structure to the best of my knowledge and belief.

Arizona P.E. #18782
Date: NOV 16 1995

PEABODY COAL COMPANY
BLACK MESA - KAYENTA MINE

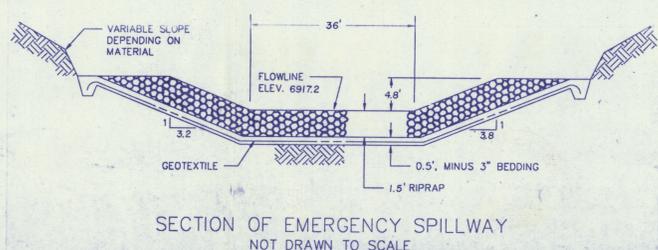
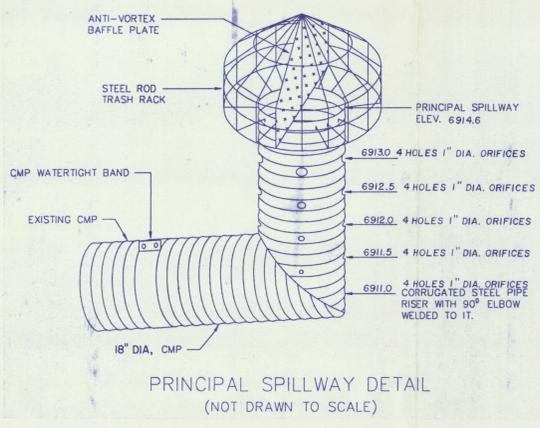
J21-C POND
(AS-BUILT)

SCALE: AS SHOWN DRAWN BY: WKW
DATE: 10/95 DRAWING NO:



J21-C2 Pond Data

Elevation (ft-msl)	Stage (ft)	Area (Acres)	Capacity (ac-ft)	Total Capacity (ac-ft)	Description
6903.0	0.0	0.00	0.00	0.00	Bottom of Pond
6904.0	1.0	0.31	0.16	0.16	
6906.0	3.0	0.91	1.22	1.38	
6908.0	5.0	1.23	2.14	3.52	
6910.0	7.0	1.47	2.70	6.22	
6911.0	8.0	1.57	1.52	7.74	1" Dia. Orifices
6911.5	8.5	1.61	0.80	8.53	1" Dia. Orifices
6912.0	9.0	1.66	0.82	9.35	1" Dia. Orifices
6912.5	9.5	1.71	0.84	10.19	1" Dia. Orifices
6913.0	10.0	1.76	0.87	11.06	1" Dia. Orifices
6914.0	11.0	1.86	1.81	12.87	
6914.6	11.6	1.93	1.14	14.00	Principal Spillway
6916.0	13.0	2.09	2.81	16.82	
6917.2	14.2	2.39	2.69	19.51	Emergency Spillway
6918.0	15.0	2.59	1.99	21.50	
6920.0	17.0	3.22	5.81	27.31	
6922.0	19.0	4.22	7.44	34.75	Top of Dam



I certify this Siltation Structure was constructed in accordance with the approved mining permit and that the information contained herein accurately describes the constructed structure to the best of my knowledge and belief.

Arizona P.E. #18782
Date: JUL 0 9 1991

PEABODY COAL COMPANY
BLACK MESA - KAYENTA MINE

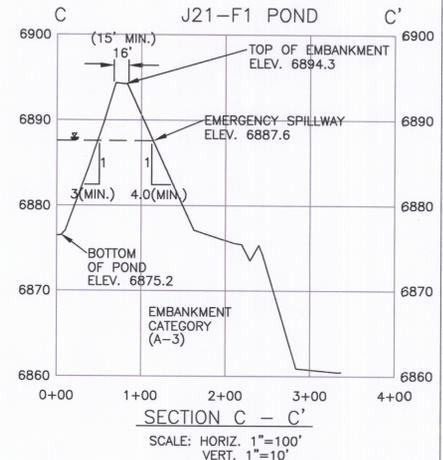
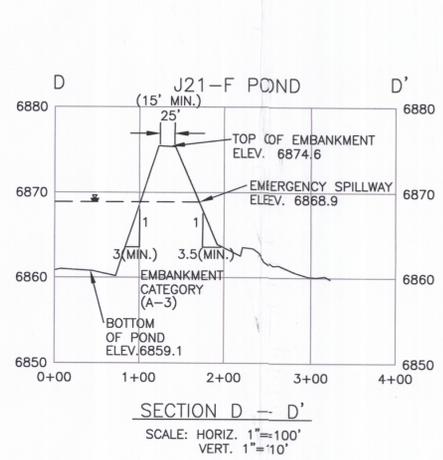
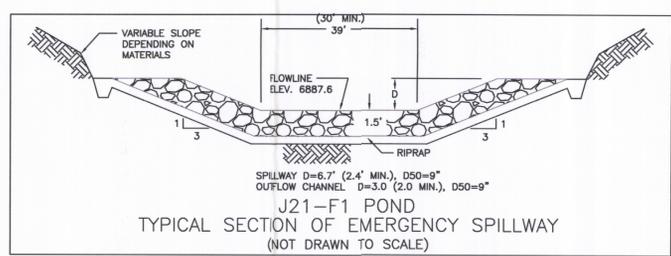
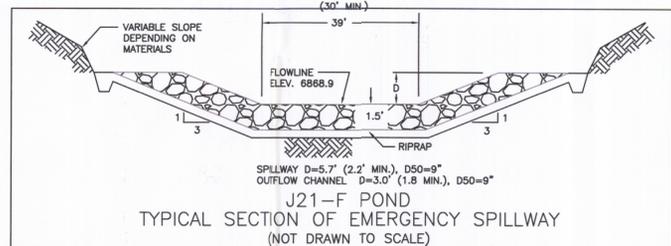
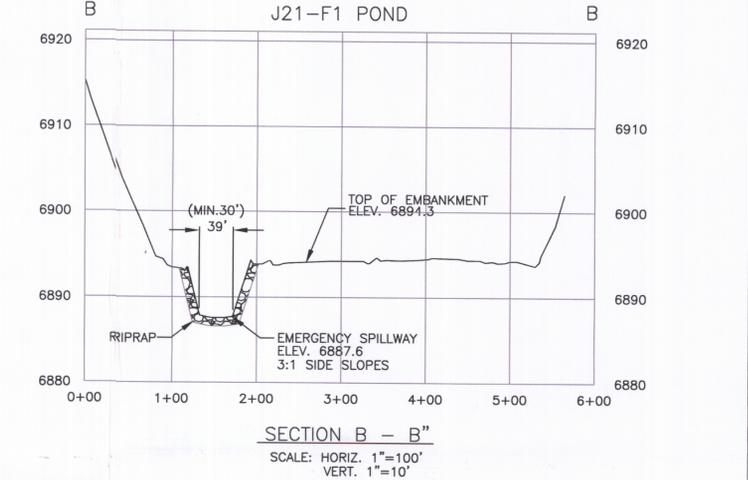
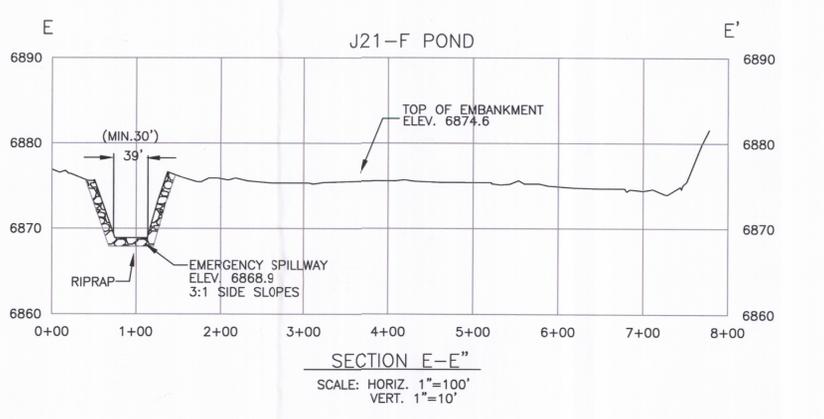
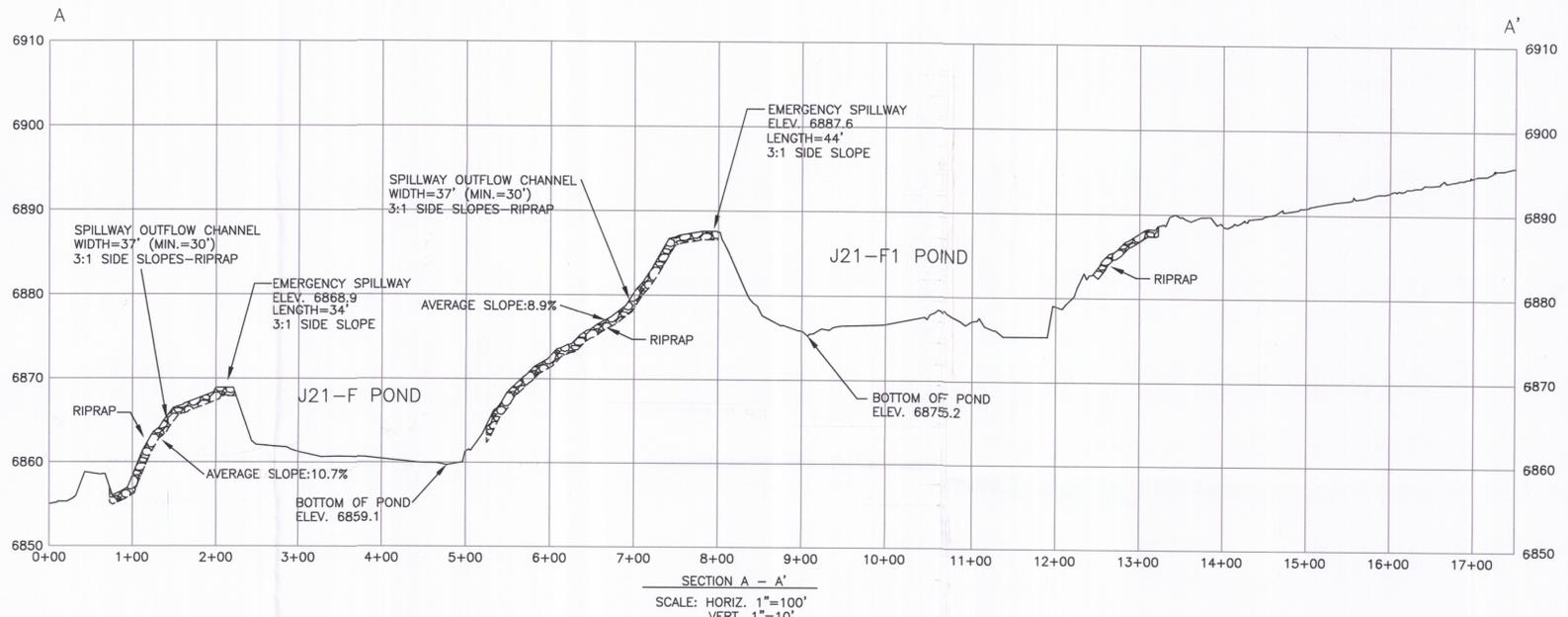
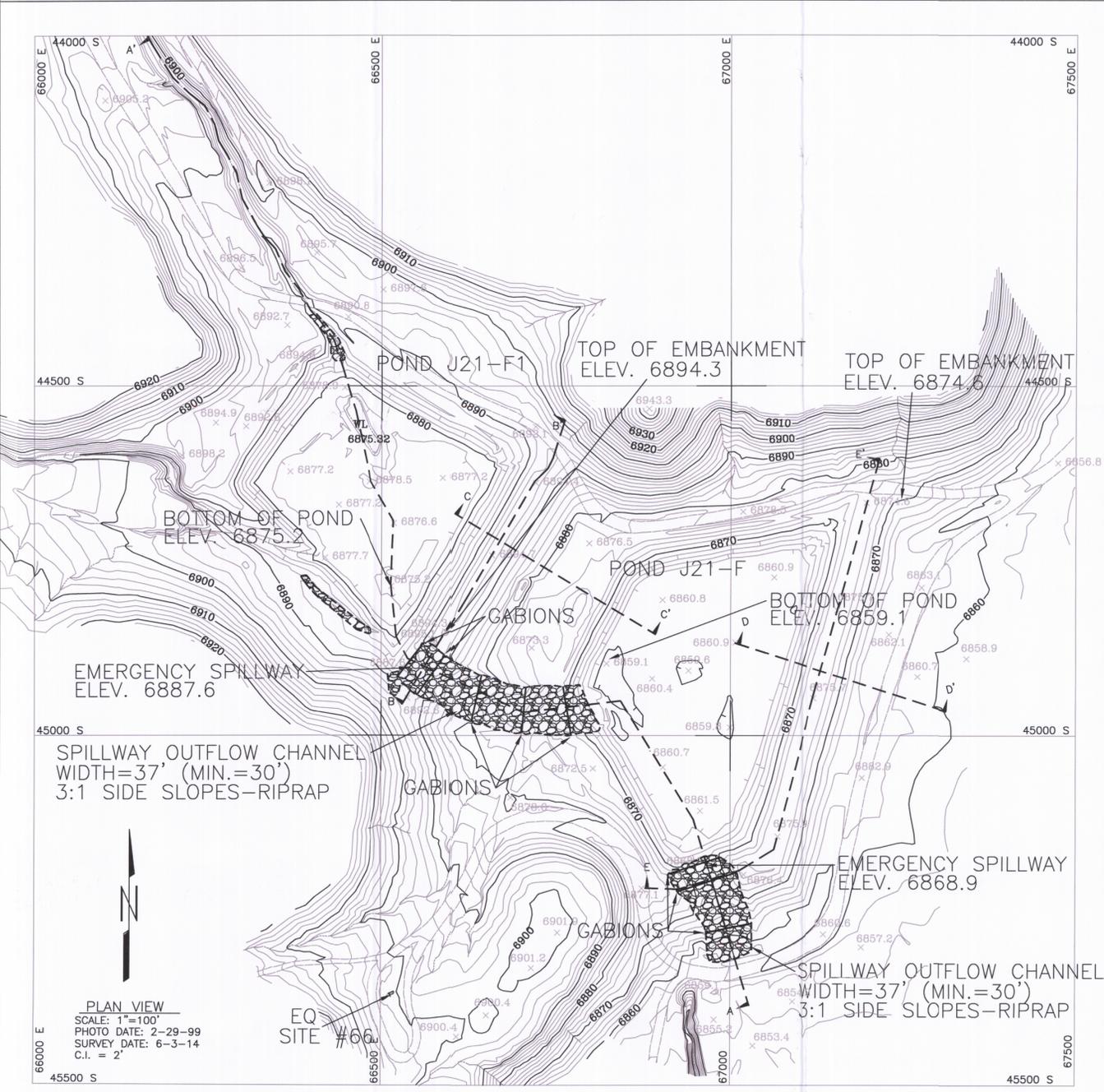
J21 - C2 POND
(AS-BUILT)

SCALE: AS SHOWN
DATE: 7/9/91

DRAWN BY: WKW
DRAWING NO:

J21-F POND STAGE CAPACITY					
ELEV. (FT.-MSL)	STAGE (FT.)	AREA (ACRES)	CAP. (AC.-FT.)	TOT. CAP. (AC.-FT.)	DESCRIPTION
6859.1	0.00	0.00	0.00	0.00	BOTTOM OF POND
6862.0	2.9	1.93	2.79	2.79	
6864.0	4.9	2.15	4.07	6.87	
6866.0	6.9	2.35	4.50	11.36	
6868.0	8.9	2.57	4.92	16.28	
6868.9	9.8	2.67	2.36	18.64	EMERGENCY SPILLWAY
6870.0	10.9	2.80	5.36	21.65	
6872.0	12.9	3.06	5.86	27.51	
6874.0	14.9	3.48	6.55	34.06	
6874.6	15.5	3.68	8.77	36.28	TOP OF EMBANKMENT

J21-F1 POND STAGE CAPACITY					
ELEV. (FT.-MSL)	STAGE (FT.)	AREA (ACRES)	CAP. (AC.-FT.)	TOT. CAP. (AC.-FT.)	DESCRIPTION
6875.2	0.00	0.0	0.00	0.00	BOTTOM OF POND
6878.0	2.8	1.18	1.66	1.66	
6880.0	4.8	1.59	2.77	4.43	
6882.0	6.8	1.77	3.35	7.78	
6884.0	8.8	1.97	3.74	11.52	
6886.0	10.8	2.22	4.19	15.71	
6887.6	12.4	2.50	3.78	19.48	EMERGENCY SPILLWAY
6888.0	12.8	2.57	4.79	20.50	
6890.0	14.8	3.06	5.63	26.13	
6892.0	16.8	3.60	6.66	32.79	
6894.0	18.8	4.61	8.21	41.00	
6894.3	19.1	4.71	9.56	42.36	TOP OF EMBANKMENT



ENGINEER'S CERTIFICATION



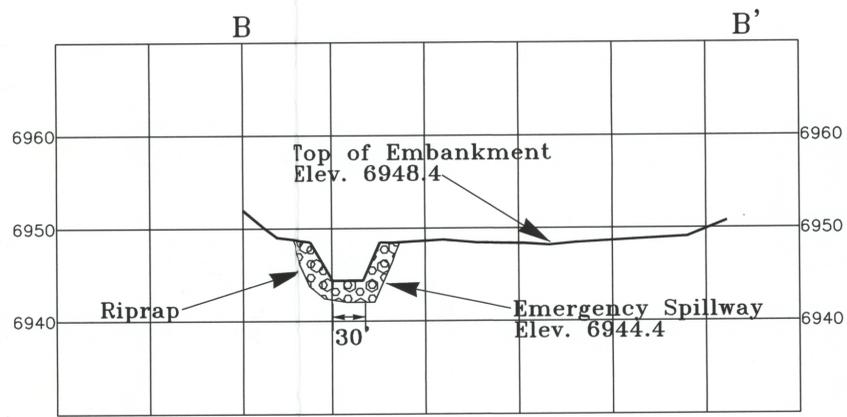
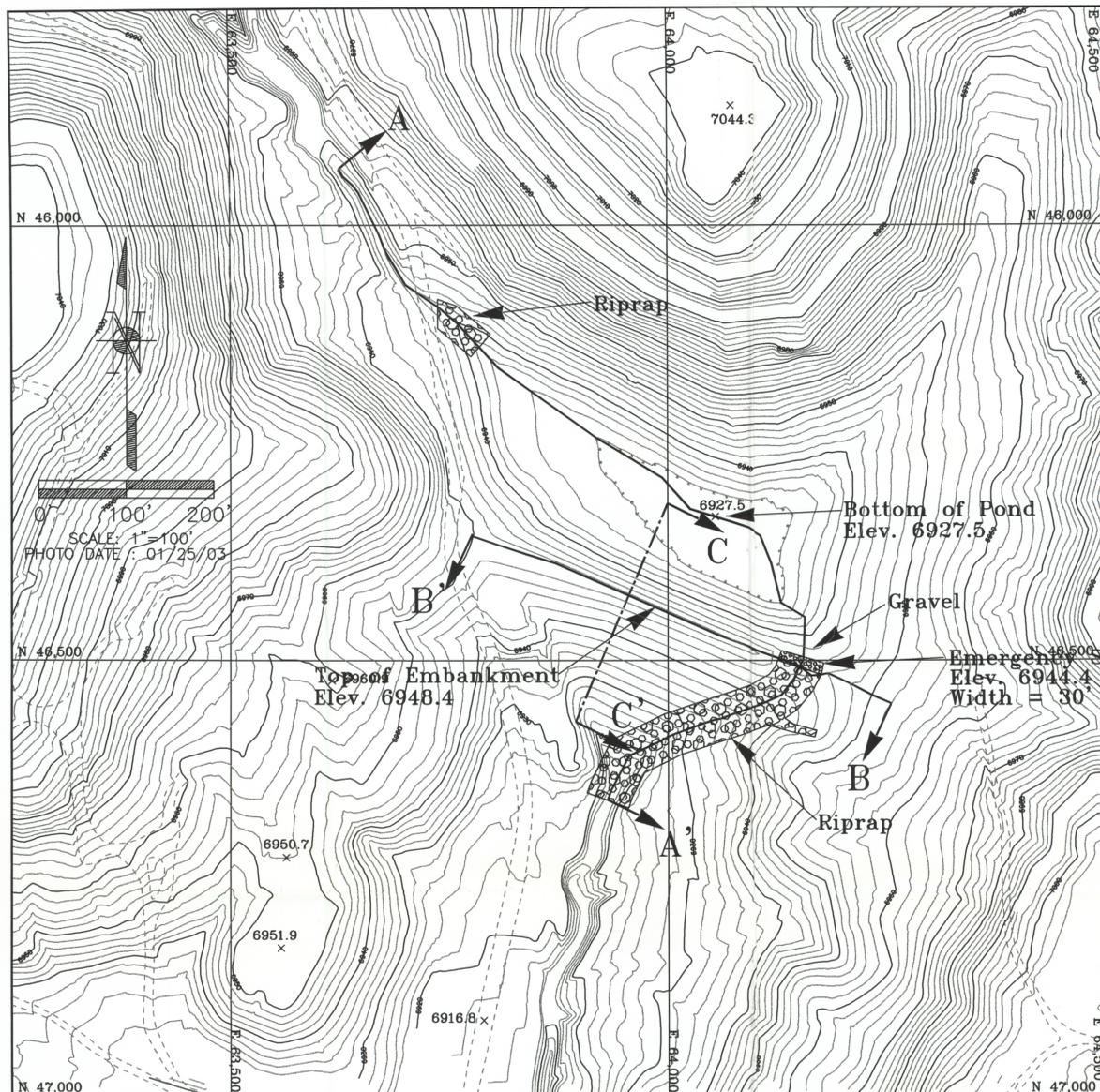
GARY ALTSISI
ARIZONA P.E. 37842
RECLAMATION SUPERVISOR
PEABODY WESTERN COAL COMPANY

I certify that this Siltation Structure was constructed in accordance with the approved mining permit and that the information contained herein accurately describes the constructed structure to the best of my knowledge and belief.

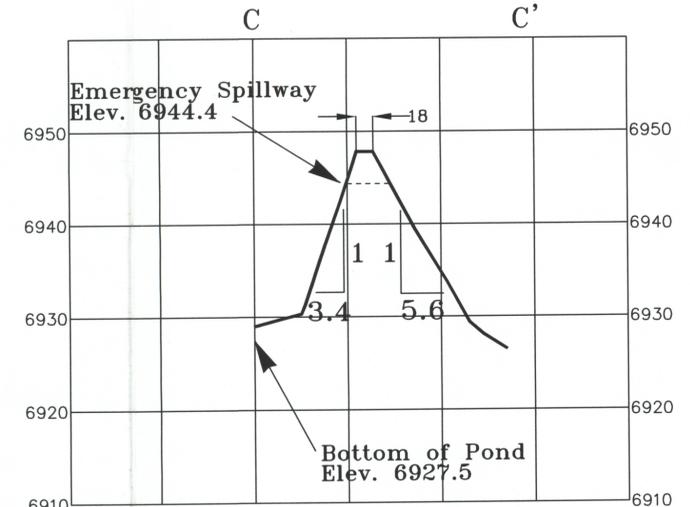
REVISIONS		
CHK'D	DATE	DESCRIPTION
G.A.	06/06/14	J21-F&F1 SPILLWAY REMEDIAL

J21-F AND J21-F1 PONDS
AS-BUILT

KAYENTA MINE
PEABODY WESTERN P.O. BOX 650 KAYENTA AZ, 86033
DESIGNED BY:PWCC SCALE:100
DRAWN BY:E.D. DRAWING DATE:03-27-99
CHECKED BY:PWCC PHOTO DATE:FEB. 23, 1999
CONTOUR INTERVAL:5 FT



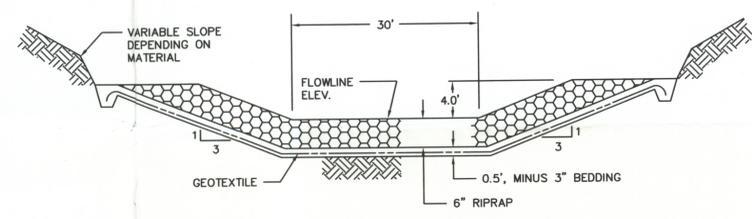
SECTION B-B'
VERTICAL: 1" = 10'
HORIZONTAL: 1" = 100'



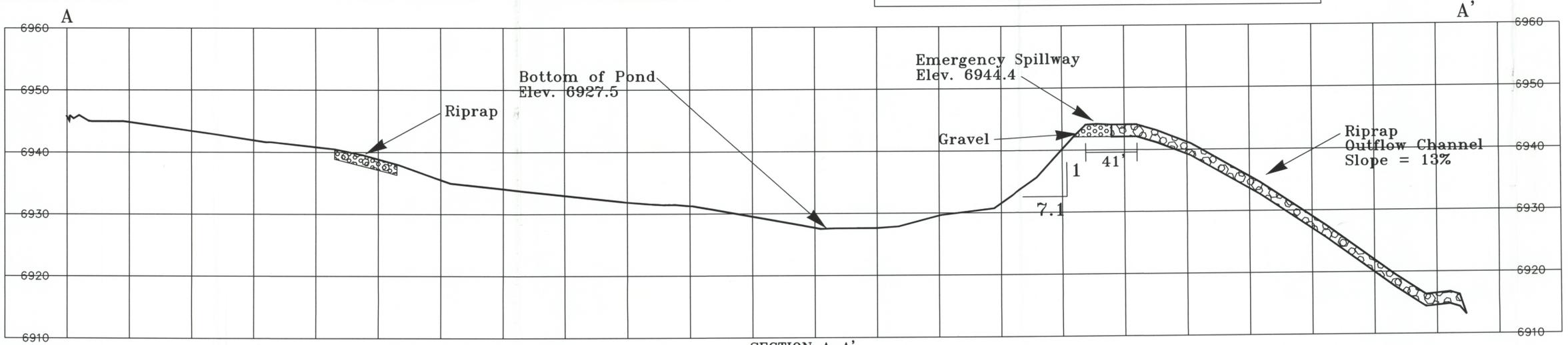
SECTION C-C'
VERTICAL: 1" = 10'
HORIZONTAL: 1" = 100'

J21-G1 POND STAGE CAPACITY TABLE

Elevation (ft-msl)	Stage (ft)	Area (Acres)	Capacity (ac-ft)	Total Capacity (ac-ft)	Description
6927.5	0.0	0.00	0.00	0.00	BOTTOM OF POND
6928.0	0.5	0.02	0.01	0.01	
6930.0	2.5	0.21	0.24	0.24	
6932.0	4.5	0.44	0.66	0.90	
6934.0	6.5	0.81	1.26	2.16	
6936.0	8.5	1.18	2.00	4.15	
6938.0	10.5	1.43	2.62	6.77	
6940.0	12.5	1.72	3.16	9.93	
6942.0	14.5	2.04	3.77	13.69	
6944.0	16.5	2.43	4.48	18.17	
6944.4	16.9	2.52	0.99	19.16	EMERGENCY SPILLWAY
6946.0	18.5	2.91	4.34	23.50	
6948.4	20.9	3.56	7.76	31.27	TOP OF EMBANKMENT



SECTION OF EMERGENCY SPILLWAY OUTFLOW
NOT DRAWN TO SCALE



SECTION A-A'
VERTICAL: 1" = 10'
HORIZONTAL: 1" = 50'

I CERTIFY IN ACCORDANCE WITH THE REQUIREMENTS OF 30 CFR 750.16 AND 816.46(b)(3) THAT THE SILTATION CONTROL STRUCTURE WAS CONSTRUCTED AS DESIGN BY PEABODY WESTERN COAL CO. AND AS APPROVED BY THE OFFICE OF SURFACE MINING, WITH THE EXCEPTION OF CERTAIN DIFFERENCES THAT ARE LISTED BELOW.

1. POND STAGE CAPACITY TABLE.
2. ROCK DOWNDRAIN AT INLET.
3. ROCK DIVERSION AT SPILLWAY DOWNDRAIN.



GARY ALTSISI
ENGINEER
PEABODY WESTERN COAL COMPANY

ARIZONA P.E. 37842
DATE: MAY 13 2003



THIS DRAWING IS THE PROPERTY OF PEABODY WESTERN AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK. ALL RIGHTS OF DESIGN OR INVENTION RESERVED.

NAME	DATE
DRAWN BY: G. ALTSISI	05/13/03
DESIGNED BY: G. ALTSISI	05/13/03
CHECKED BY: G. ALTSISI	05/13/03
SURVEYED BY: G. ALTSISI	05/13/03



KAYENTA MINE
Peabody Western Coal Co. P.O. Box 650 Kayenta, AZ 86033
Exhibit 1
J21-G1 Sedimentation Pond
AS-BUILT

DRAWING NO.	REV.#
1 of 1	
SCALE: 1" = 100'	

