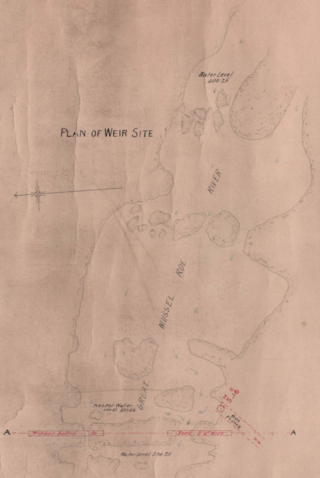
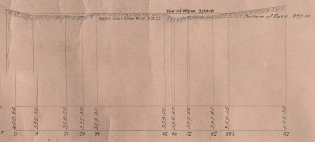
PLAN OF WEIR SITE

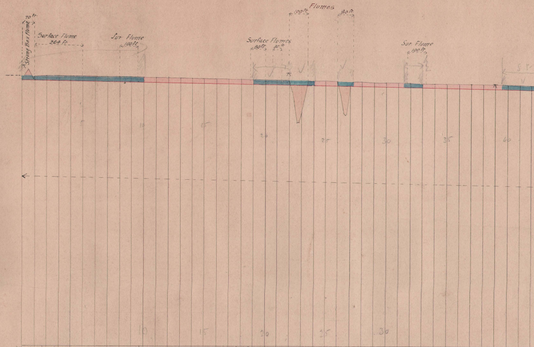

Water Level 400·25
GREAT MUSSEL ROE RIVER
Present Water Level 397·66
M 5-16 C
BOX FLUME
A
A
Timber bolted to
Rock 2'0" wide
Water level 396·25


Top of Weir 399·10
Water level below Weir 396·25
Bottom of Race 397·10

F.T	0	9	21	28	34	62	66	72	82	88½	112
	400·60	399·10	398·20	397·50	399·20	399·00	396·80	397·80	397·80	399·05	402·30

SECTION OF WEIR AA

Scale 20 Feet = 1 Inch - Natural -


Flumes
70 ft
Strong Box Flume
Surface Flume 264 ft
Sur Flume 100 ft
Surface Flumes 80 ft 30 ft
100 ft
80 ft
Sur Flume 100 ft
10
15
20
25
30

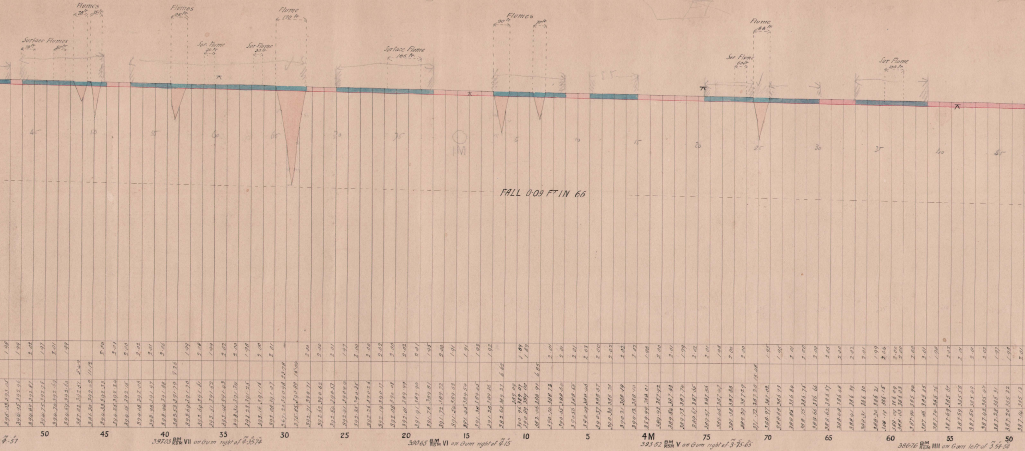
	16						10					5					5M				
CUTTING	0·58	1·57	1·95	2·05	2·04	2·00	2·00	2·00	2·00	2·00	1·95	2·00	1·99	2·00	2·01	2·00	1·99	1·99	2·05	1·98	2·03
FLUMING																					
REDUCED LEVEL OF GRADIENT	397·10	397·01	396·92	396·83	396·74	396·65	396·56	396·47	396·38	396·29	396·20	396·11	396·02	395·93	395·84	395·75	395·66	395·57	395·48	395·39	395·30
REDUCED LEVEL OF SURFACE 250 FEET ABOVE DATUM	397·66	398·58	398·87	398·88	398·83	398·65	398·56	398·47	398·38	398·29	398·15	398·11	398·01	397·93	397·85	397·75	397·65	397·56	397·53	397·37	397·33

	75					70					65					60					55	
CUTTING	1·99	2·07		2·03	2·19	2·01	2·06	2·09	1·98	2·02	2·06	2·03	1·93	2·03	2·00	1·91	2·11	2·01	2·03	1·99	1·99	2·01
FLUMING			12·01																			
REDUCED LEVEL OF GRADIENT	395·21	395·12	395·03	394·85	394·76	394·67	394·58	394·40	394·31	394·22	394·13	394·04	393·95	393·80	393·77	393·68	393·59	393·50	393·41	393·32	393·23	393·14
REDUCED LEVEL OF SURFACE 250 FEET ABOVE DATUM	397·20	397·19	383·02	396·88	396·95	396·68	394·64	396·49	396·29	396·24	396·19	396·07	395·88	395·89	395·77	395·59	395·70	395·51	395·44	395·31	396·22	395·15

403·22 $\frac{\text{BM}}{\text{RSM}}$ X on Gum right of 5·15·50

400·17 $\frac{\text{BM}}{\text{RSM}}$ IX on Gum left up Creek.

395·71 $\frac{\text{BM}}{\text{RSM}}$ VIII on Gum left of


Flumes
78 ft
35 ft
Surface Flumes
30 ft
50 ft
Flumes
85 ft
Sur. Flume
20 ft
Sur. Flume
30 ft
Flume
170 ft
Surface Flume
165 ft
Flumes
90 ft
70 ft
Flume
88 ft
Sur. Flume
60 ft
Sur. Flume
100 ft
45
50
55
60
65
70
75
1M
5
10
15
20
25
30
35
40
45
FALL 0·09 FT IN 66
4-57
50
45
40
35
30
25
20
15
10
5
4M
75
70
65
60
55
50
397.03 BM/RSM VII on Gum right of 4-35-74
390.65 BM/RSM VI on Gum right of 4-15
393.52 BM/RSM V on Gum right of 3-75-65
386.76 BM/RSM IIII on Gum left of 3-54-50

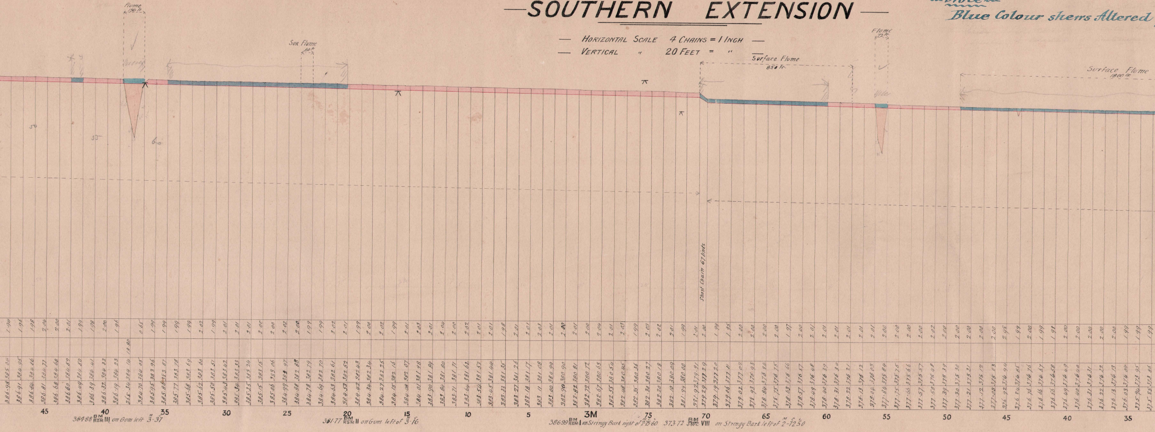
8723D

MOUNT CAMERON WATER RACE

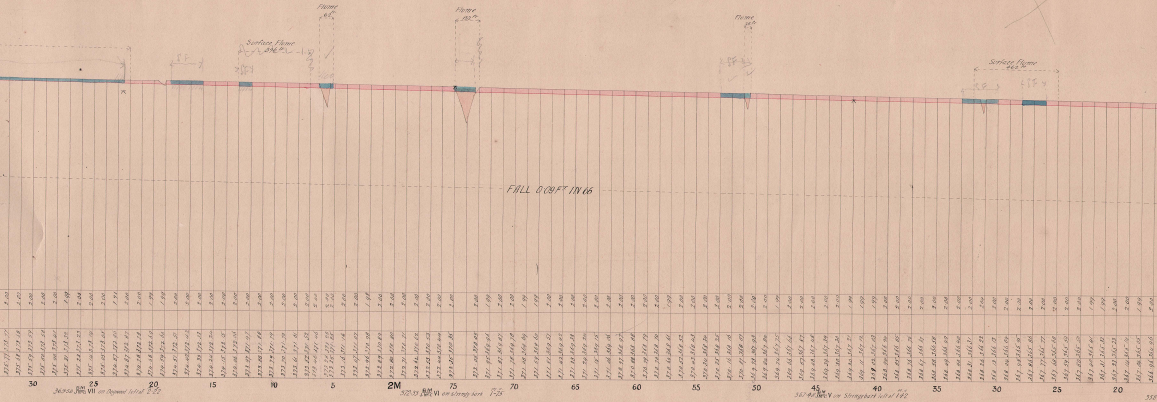
—SOUTHERN EXTENSION—

— HORIZONTAL SCALE 4 CHAINS = 1 INCH —
— VERTICAL " 20 FEET = " —

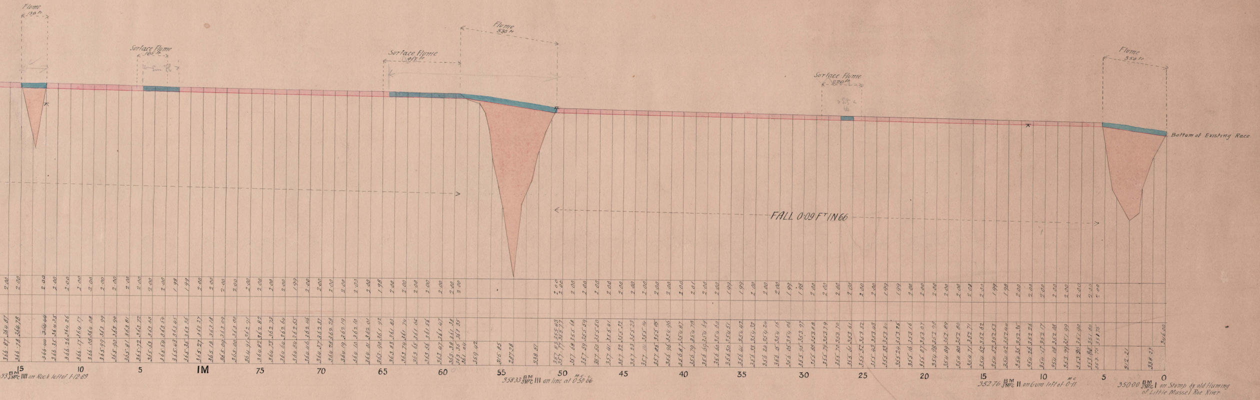
Note
Blue Colour shews Altered


Flume 136 ft
Sur Flume 60 ft
Surface Flume 850 ft
Flume 72 ft
Surface Flume 1800 ft
Short Chain 67 links
45
40
35
30
25
20
15
10
5
3M
75
70
65
60
55
50
45
40
35
384.88 BM RSM III on Gum left 3-37
381.77 BM RSM II on Gum left of 3-16
386.99 BM RSM I on Stringy Bark right of 2-75.60
373.72 BM J.M.C. VIII on Stringy Bark left of 2-72.50

positions for Fluming.


Flume 65 ft
Flume 132 ft
Flume 35 ft
Surface Flume 376 ft
Surface Flume 467 ft
SF
FALL 0·09 FT IN 66
30
25
20
15
10
5
2M
75
70
65
60
55
50
45
40
35
30
25
20
369·56 BM/J. McC VII on Dogwood left of 2-22
372·33 BM/J. McC VI on stringy bark M.C. 1-75
367·48 BM/J. McC V on Stringybark left of M.C. 1·42
358

1 0 2


Flume
138 Ft
Surface Flume
165 Ft
Flume
530 Ft
Surface Flume
417 Ft
Surface Flume
220 Ft
Flume
354 Ft
Bottom of Existing Race
FALL 0·09 FT IN 66
15
10
5
IM
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
33 BM/J.MᶜC IIII on Rock left of 1·12·89
358·33 BM/J.MᶜC III on line at 0·50·66
352·76 BM/J.MᶜC II on Gum left of 0·11
350·00 BM/J.MᶜC I on Stump by old Fluming of Little Mussel Roe River

SURVEY CAMP
R. S. Milles
JUNE 1st 1888

No 9
Date Received
Date Registered 8/7/98

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