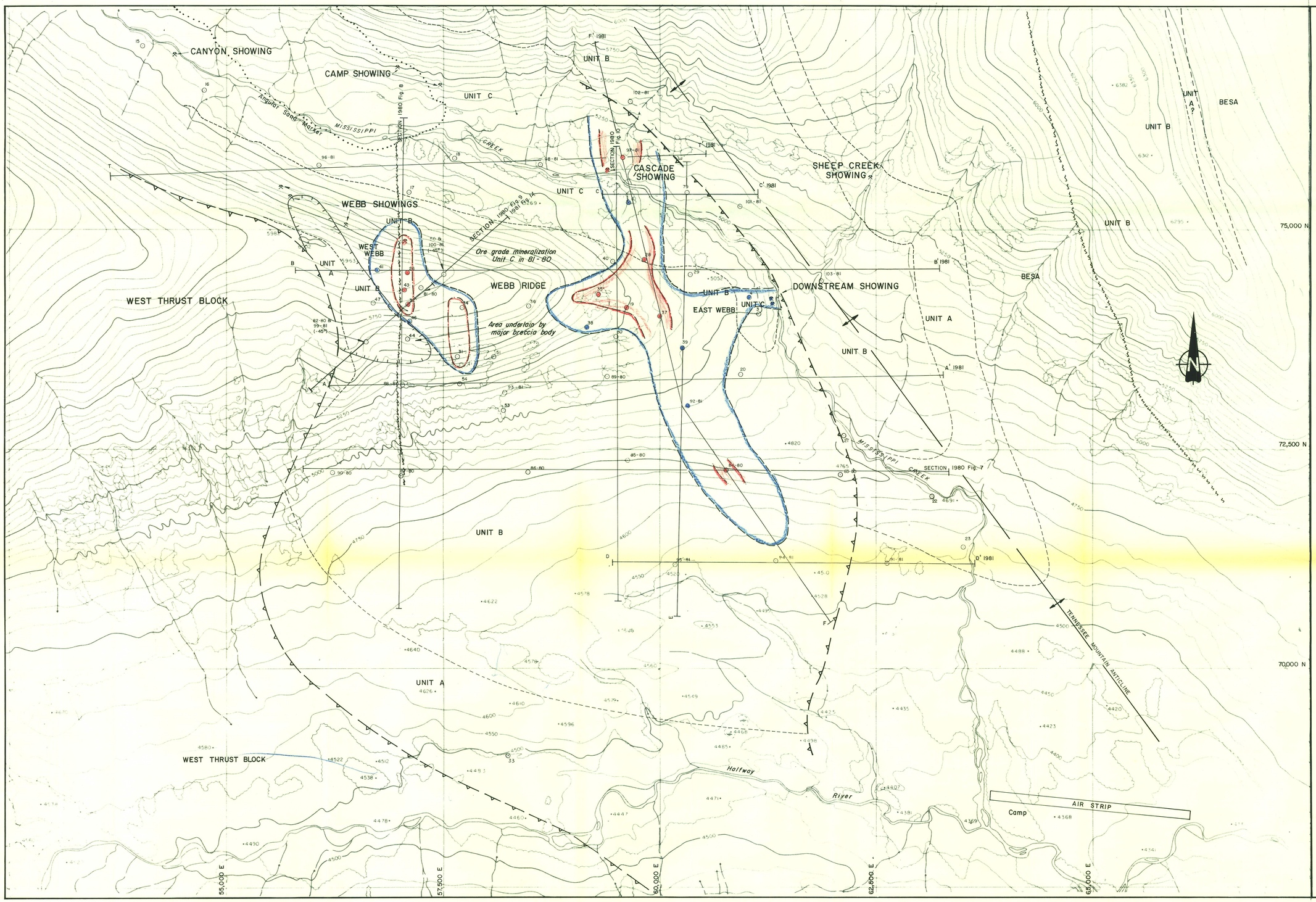
680794

ROBB LAKE PROJECT

PRELIMINARY GEOLOGICAL MAP

AND SECTIONS

Nov. 1981 Vancouver, B.C.



LEGEND

U SILURIAN AND DEVONIAN

BESA RIVER SHALE

- A — UNIT A : dark grey to black, thin-bedded microcrystalline dolostone and limestone. Some biostromal beds.
- B — UNIT B : light grey, thin-bedded, medium crystalline dolostone with "Zebra" texture, vuggy porosity, and local breccia.
- C — UNIT C : light grey, thin-to-thick bedded, medium crystalline dolostone. "Zebra" texture common. Local breccia with white dolomite matrix. Contains Angular Sand Marker in central part.
- D — UNIT D : light grey to tan, thin to thick-bedded dolomitic, cross-bedded, quartz sandstone and sandy dolomite.

ORDOVICIAN AND SILURIAN

West Thrust Block consists mainly of Sil. carbonates and Ord shales and carbonates. Also contains some probable lateral equivalents of Units D to A.

Fault

Thrust fault

Projection to surface of ore grade mineralization (3.5% Pb, Zn over 2.5m) in Unit C of East Webb and Unit B of West Webb

Projection to surface of sub-ore grade mineralization in Unit C of East Webb and Unit B of West Webb.

FIGURE 6 1981

Texasgulf Inc.

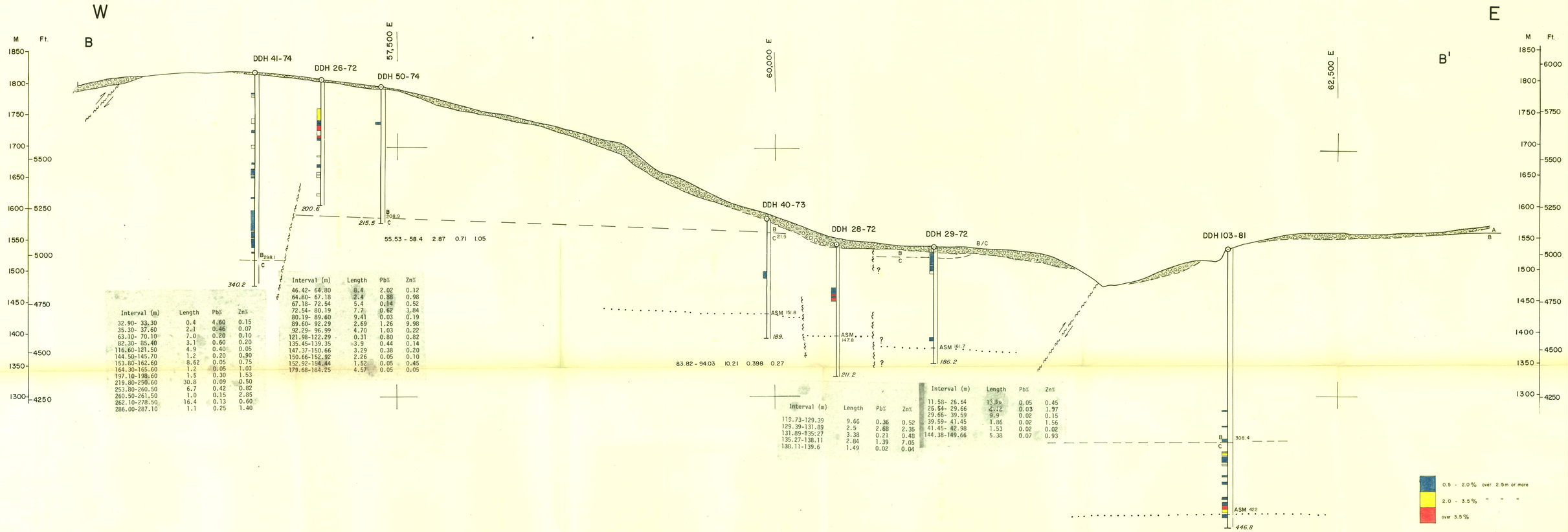
ROBB LAKE JOINT VENTURE

WEBB RIDGE AREA

GEOLOGY

WORK BY	DRAWN BY	DATE	DRW,G NO.
R A F G	E R	Revised Nov. 1981 SEPT 19, 1980	

Scale in Metres 1 : 5000



Interval (m)	Length	Pb%	Zn%
32.90- 33.30	0.4	4.60	0.15
35.30- 37.60	2.1	0.46	0.07
63.10- 70.10	7.0	0.20	0.10
82.30- 85.40	3.1	0.60	0.20
116.60-121.50	4.9	0.40	0.05
144.50-145.70	1.2	0.20	0.90
153.80-162.60	8.62	0.05	0.75
164.30-165.60	1.2	0.05	1.03
197.10-198.60	1.5	0.30	1.53
219.80-250.60	30.8	0.09	0.50
253.80-260.50	6.7	0.42	0.82
260.50-261.50	1.0	0.15	2.85
262.10-278.50	16.4	0.13	0.60
286.00-287.10	1.1	0.25	1.40

Interval (m)	Length	Pb%	Zn%
46.42- 64.80	8.4	2.02	0.12
64.80- 67.18	2.4	0.88	0.98
67.18- 72.54	5.4	0.14	0.52
72.54- 80.19	7.7	0.62	3.84
80.19- 89.60	9.41	0.03	0.19
89.60- 92.29	2.69	1.26	9.98
92.29- 96.99	4.70	1.03	0.22
121.98-122.29	0.31	0.80	0.82
135.45-139.35	3.9	0.44	0.14
147.37-150.66	3.29	0.38	0.20
150.66-152.92	2.26	0.05	0.10
152.92-154.44	1.52	0.05	0.45
179.68-184.25	4.57	0.05	0.05

Interval (m)	Length	Pb%	Zn%
119.73-129.39	9.66	0.36	0.52
129.39-131.89	2.5	2.68	2.35
131.89-135.27	3.38	0.21	0.40
135.27-138.11	2.84	1.39	7.05
138.11-139.6	1.49	0.02	0.04

Interval (m)	Length	Pb%	Zn%
11.58- 25.54	13.96	0.05	0.45
25.54- 29.66	4.12	0.03	1.97
29.66- 39.59	9.9	0.02	0.15
39.59- 41.45	1.86	0.02	1.56
41.45- 42.98	1.53	0.02	0.02
144.38-149.66	5.38	0.07	0.93

Interval (m)	Length	Pb%	Zn%
258.50-259.50	1.0	0.57	1.24
282.64-283.54	0.9	0.01	2.10
303.50-307.00	3.5	0.30	0.94
323.27-324.07	0.8	0.06	0.88
324.07-328.01	3.94	0.44	1.87
330.57-340.43	9.86	0.02	0.91
342.19-343.69	1.0	<0.01	1.11
360.575-364.325	3.75	<0.01	1.32
370.085-372.735	2.65	<0.01	1.56
396.69-397.19	0.55	0.01	2.78
398.74-399.19	0.45	<0.01	2.17
399.99-400.29	0.30	0.01	4.10
404.40-409.40	5.0	0.02	0.94
409.40-415.90	6.5	0.02	3.55
415.90-420.25	4.35	0.56	1.61
422.49-427.01	4.52	0.41	1.34

FIGURE

PRELIMINARY

Texasgulf Inc.

ROBB LAKE JOINT VENTURE

WEBB RIDGE

SECTION B - B'

Including DDH 41-74, 40-73, 29-72 & 103-81

WORK BY	DRAWN BY	DATE	DRW,G NO.
	E. R.	NOV. 19, 1981	

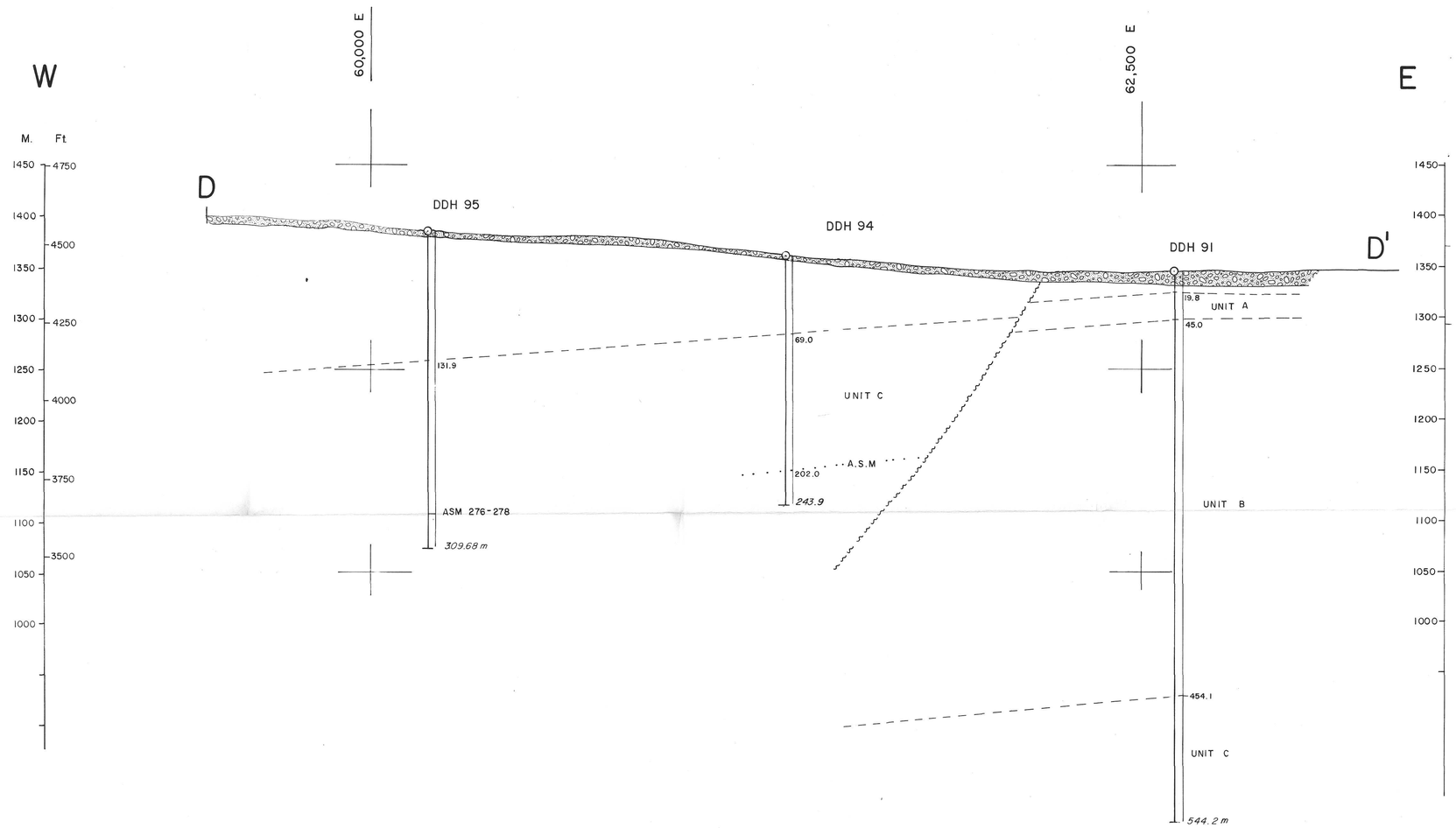
50 0 50 100 150 200

Scale in Metres 1 : 2,500

inches 0 1 2

0 1 2 3 4 5 centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the original image, and can be used as a reference for the original size.



Figure

PRELIMINARY

Texasgulf Inc.

ROBB LAKE JOINT VENTURE

WEBB RIDGE

SECTION D - D'

Including DDH 95-81, 94-81, 91-81

WORK BY	DRAWN BY	DATE	DRW,G NO.
	E.R.	NOVEMBER 1981	

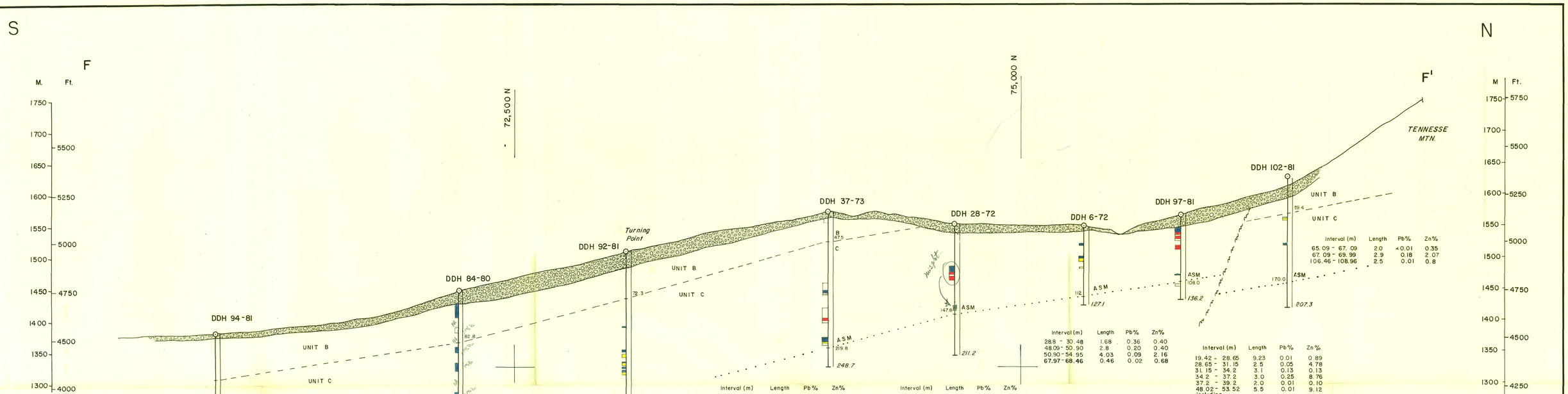
50 0 50 100 150 200

Scale In Metres 1 : 2,500

inches

centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.



FIGURE

PRELIMINARY

Texasgulf Inc.

ROBB LAKE JOINT VENTURE

WEBB RIDGE

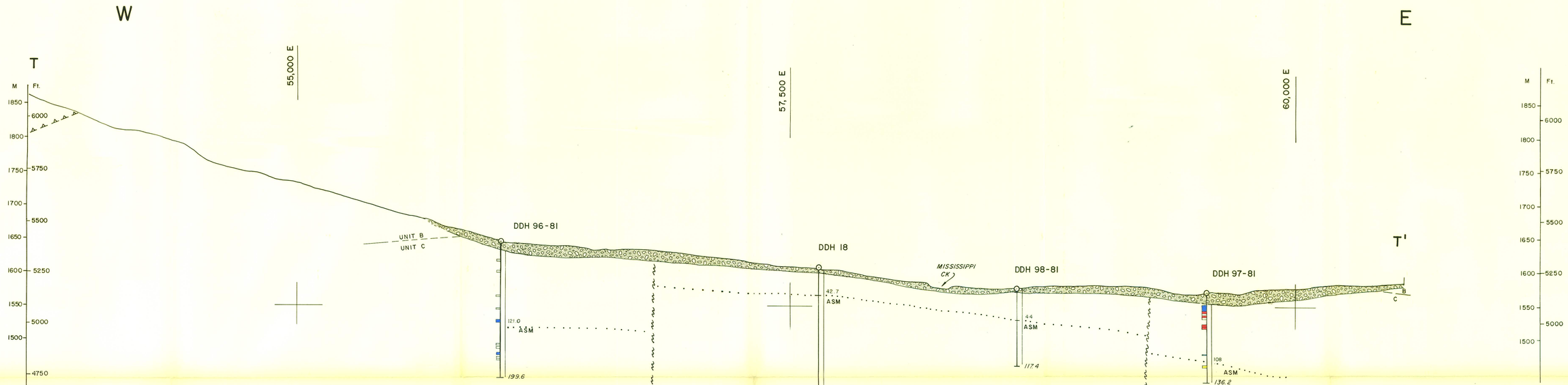
SECTION F - F'

Including DDH 94-81, 92-81, 37-73, 28-72, 6-72, 97-81, 102-81

WORK BY	DRAWN BY	DATE	DRW,G NO.
D.A.B., R.A.F.G.	E.R.	NOV. 19, 1981	

Scale in Metres 1 : 2,500

This reference scale bar has been added to the original image. It will scale with the image as the image, therefore it can be used as a reference for the original size.



Interval (m)	Length	Pb%	Zn%
22.73 - 24.63	1.9	0.02	0.26
40.15 - 41.89	1.74	0.08	0.39
76.75 - 77.75	1.0	<0.02	0.39
95.12 - 96.12	1.0	0.16	0.20
99.50 - 101.50	2.0	.01	0.715
113.31 - 116.31	3.0	0.01	0.01
148.4 - 149.4	1.0	0.01	0.13
151.32 - 155.32	4.0	0.01	1.62
including			
153.42 - 154.32	1.0	0.02	4.50
162.53 - 165.03	2.5	.01	0.094
167.11 - 170.11	3.0	.01	0.163

Interval (m)	Length	Pb%	Zn%
19.42 - 28.65	9.23	.01	.89
28.65 - 31.15	2.5	.05	4.78
31.15 - 34.2	3.1	0.13	0.13
34.2 - 37.2	3.0	0.25	8.76
37.2 - 39.2	2.0	0.01	0.10
48.02 - 53.52	5.5	0.01	9.12
including			
48.02 - 51.52	3.5	0.01	12.98
95.35 - 95.95	0.6	0.12	7.20
108.96 - 112.56	3.6	.05	2.12

GRADES OF LEAD + ZINC

- 0.5 - 2.0% over 2.5 m or more
- 2.0 - 3.5% " " "
- over 3.5%

FIGURE

PRELIMINARY

Texasgulf Inc.

ROBB LAKE JOINT VENTURE

WEBB RIDGE

SECTION T - T'

Including DDH 96-81, 18, 98-81 & 97-81

WORK BY	DRAWN BY	DATE	DRW,G NO.
D.A.B., R.A.F.G.	E.R.	NOV. 19, 1981	

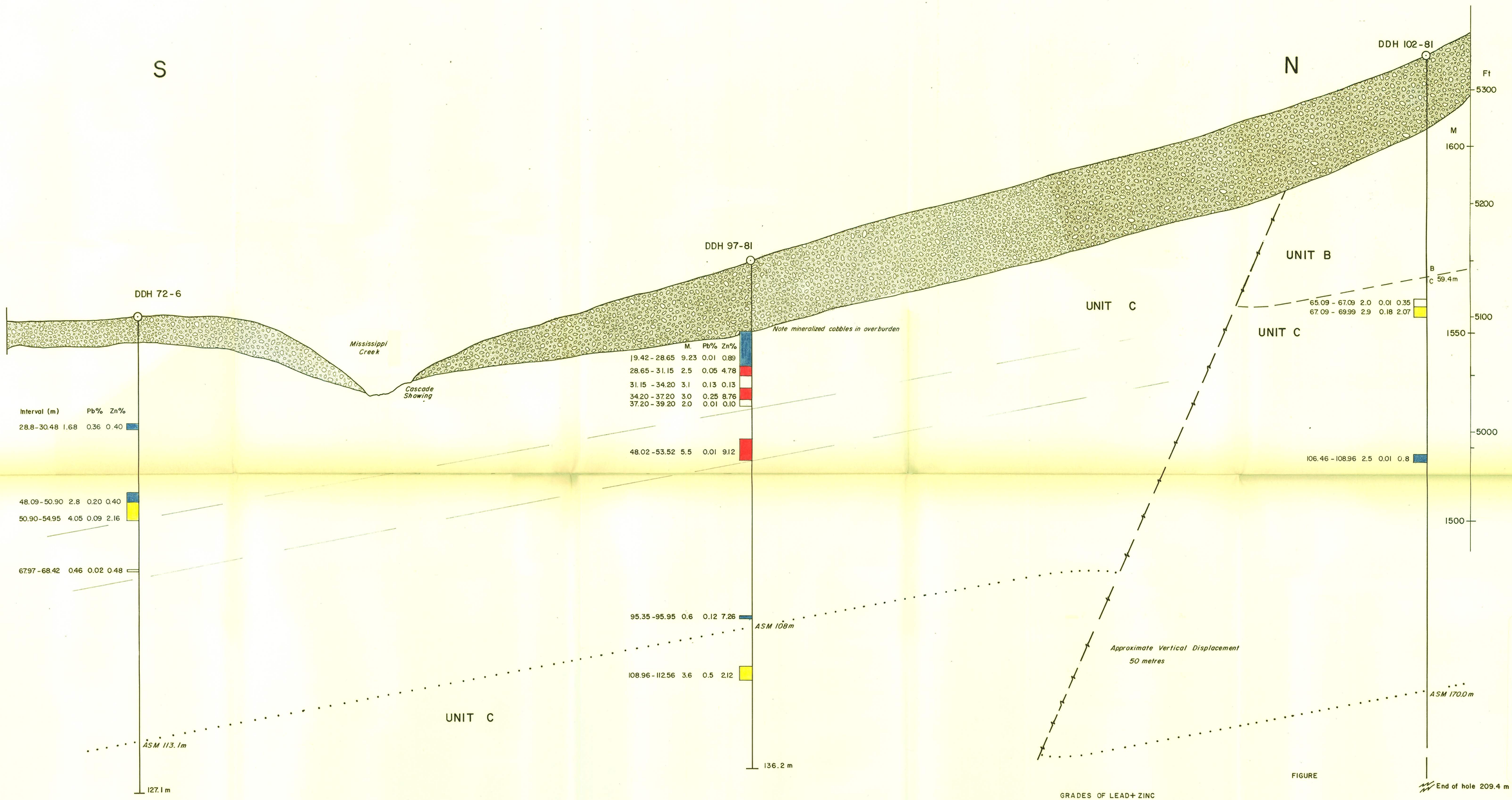
50 0 50 100 150 200

Scale in Metres

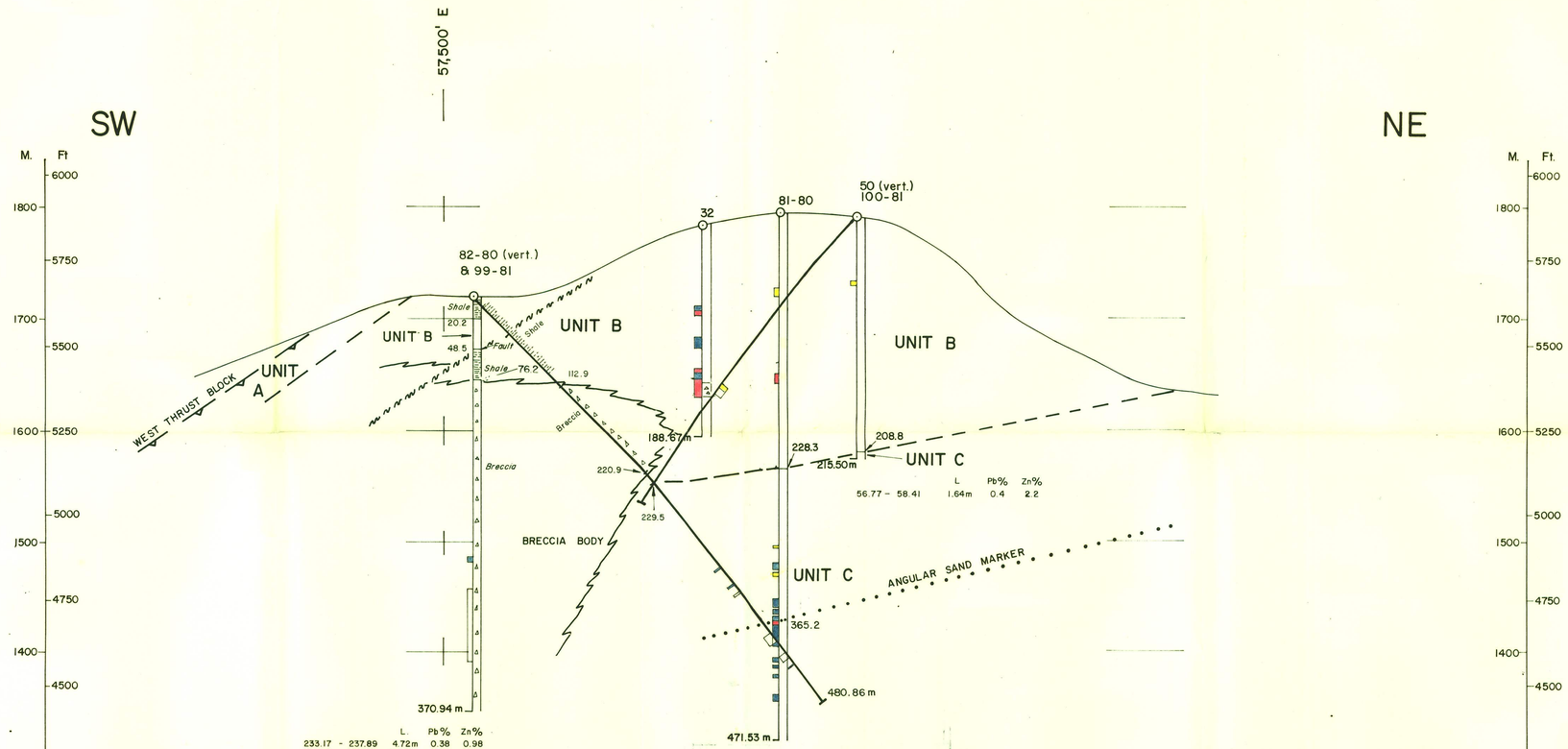
inches 0 1 2

centimetres 0 1 2 3 4 5

This reference scale bar has been added to the original image. Some minor distortion may still exist as the image, therefore it can be used as a reference for the original size.


S
N
DDH 102-81
DDH 97-81
DDH 72-6
Ft
5300
M
1600
5200
5100
1550
5000
1500
UNIT B
UNIT C
UNIT C
UNIT C
B
C
59.4m
65.09 - 67.09 2.0 0.01 0.35
67.09 - 69.99 2.9 0.18 2.07
106.46 - 108.96 2.5 0.01 0.8
Mississippi Creek
Cascade Showing
Note mineralized cobbles in overburden
M. Pb% Zn%
19.42 - 28.65 9.23 0.01 0.89
28.65 - 31.15 2.5 0.05 4.78
31.15 - 34.20 3.1 0.13 0.13
34.20 - 37.20 3.0 0.25 8.76
37.20 - 39.20 2.0 0.01 0.10
48.02 - 53.52 5.5 0.01 9.12
95.35 - 95.95 0.6 0.12 7.26
108.96 - 112.56 3.6 0.5 2.12
Interval (m) Pb% Zn%
28.8 - 30.48 1.68 0.36 0.40
48.09 - 50.90 2.8 0.20 0.40
50.90 - 54.95 4.05 0.09 2.16
67.97 - 68.42 0.46 0.02 0.48
ASM 108m
ASM 170.0m
ASM 113.1m
Approximate Vertical Displacement
50 metres
136.2 m
127.1 m
End of hole 209.4 m
PRELIMINARY
GRADES OF LEAD+ ZINC
0.5 - 2.0% over 2.5 m or more
2.0 - 3.5% " " "
over 3.5%
inches
0 1 2
0 1 2 3 4 5
centimetres
BRITISH COLUMBIA GEOLOGICAL SURVEY
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
Texasgulf Inc.
ROBB LAKE JOINT VENTURE
WEBB RIDGE
SECTION Including DDH 6-72, 97-81 & 102-81
WORK BY
D.A.B., R.A.F.G.
DRAWN BY
E.R.
DATE
NOVEMBER 23, 1981
DRW,G NO.
10 0 10 20 30 40
Scale in Metres 1 : 500

FIGURE



	L.	Pb%	Zn%
233.17 - 237.89	4.72m	0.38	0.98
262.36 - 283.65	65.82	0.07	0.34

DDH 32	L	Pb%	Zn%
71.64 - 75.00	3.36m	0.5	0.1
75.00 - 77.43	2.43	2.8	1.1
99.54 - 108.60	9.04	0.2	0.8
127.74 - 130.40	2.66	2.9	1.5
130.40 - 136.74	6.34	0.8	0.2
136.74 - 152.01	15.27	2.1	6.8

81-80	Length	Pb%	Zn%
69.47 - 72.27m	2.80m	0.92	1.43
146.06 - 151.27	5.21	1.03	2.59
299.85 - 300.85	1.00	0.10	0.56
312.96 - 319.46	6.50	0.84	0.25
320.82 - 323.44	2.62	1.17	1.53
346.58 - 353.18	6.60	0.05	0.94
355.79 - 357.79	2.00	0.30	1.05
360.95 - 363.95	3.00	0.66	1.21
363.95 - 367.95	4.00	9.69	4.65
367.95 - 387.95	20.00	0.12	0.53
399.42 - 401.42	2.00	<0.01	1.41
404.57 - 407.32	1.75	<0.01	1.55
415.12 - 418.72	3.60	<0.01	0.58
434.27 - 437.87	3.60	<0.01	0.85

99-81	Length	Pb%	Zn%
328.70 - 329.80	1.10	0.11	1.46
344.82 - 345.67	0.87	0.98	1.36
356.11 - 357.31	1.20	0.44	0.21
401.44 - 409.44	8.00	.01	0.34
422.58 - 428.05	4.50	.01	0.44
435.68 - 436.28	0.60	0.21	2.50

100-81	Length	Pb%	Zn%
194.17 - 198.02	4.00	0.89	2.31
198.02 - 206.02	8.00	2.91	7.56

GRADES OF LEAD + ZINC

- 0.5 - 2.0% over 2.5 m or more
- 2.0 - 3.5% " " "
- over 3.5% " " "

PRELIMINARY

Figure: 9 1980
Figure: 1981 (Revised)

Texasgulf Inc.

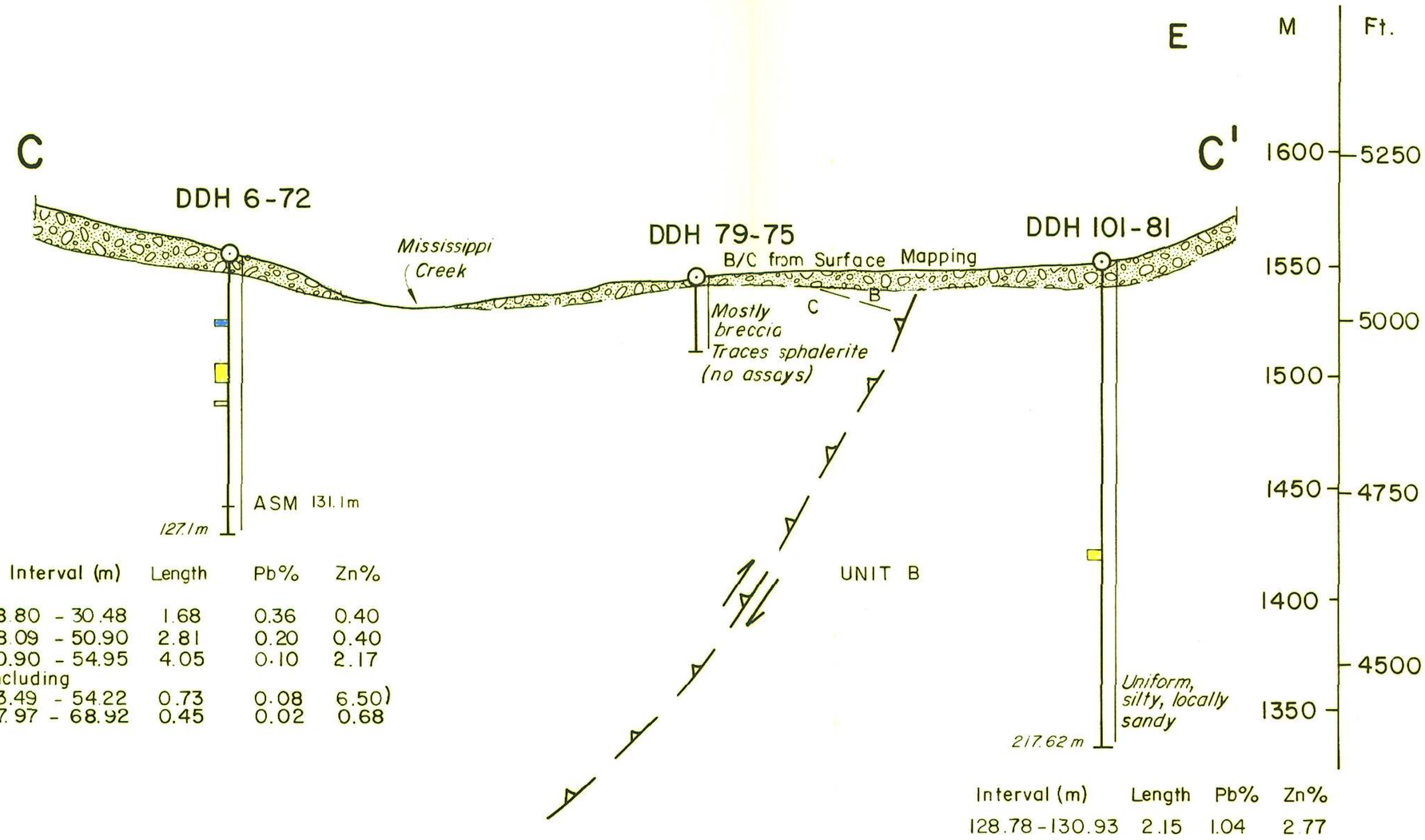
ROBB LAKE JOINT VENTURE

WEBB RIDGE

SECTION Including DDH 82-80, 32, 81-80, 50, 99-81, 100-81

WORK BY	DRAWN BY	DATE	DRW,G NO.
R.A.F.G., D.A.B.	E.R.	Revised Nov. 16, 1981 OCTOBER 16, 1980	

50 0 50 100 150 200
Scale In Metres 1 : 2,500



Interval (m)	Length	Pb%	Zn%
28.80 - 30.48	1.68	0.36	0.40
48.09 - 50.90	2.81	0.20	0.40
50.90 - 54.95	4.05	0.10	2.17
including			
(53.49 - 54.22	0.73	0.08	6.50)
67.97 - 68.92	0.45	0.02	0.68

Interval (m)	Length	Pb%	Zn%
128.78 - 130.93	2.15	1.04	2.77

PRELIMINARY

FIGURE:

inches
0 1
0 1 2
centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

Texasgulf Inc.

ROBB LAKE JOINT VENTURE

WEBB RIDGE

SECTION C - C'
Including DDH 6-72, 79-75 & 101-81

Scale 1: 2,500

50 0 50 100 150

DATE: November 18, 1981