

APPENDIX A

BORE AND DRILL LOG RECORD SHEETS

LOCATION OF BOREHOLES

Borehole No.	Co-Ordinates		Reduced Level		Date	
	N(m)	E(m)	Top	Bottom	Start	Finish
Over Water:-						
D1	257365	324804	-7.0	-57.32	30.3.76	8.4.76
D2	257419	324851	-8.0	-50.60	9.3.76	24.3.76
D3	257307	324754	-5.7	-40.14	21.4.76	11.5.76
D4	257780	325160	-8.0	-30.33	2.6.76	8.6.76
D5	257661	325060	-14.0	-43.85	24.5.76	28.5.76
D6	257481	324904	-6.8	-43.23	17.5.76	20.5.76
D7	257389	324825	-8.0	-52.69	10.6.76	15.6.76
D8	257375	324813	-8.0	-51.54	16.6.76	18.6.76
D9	257369	324813	-8.0	-54.28	21.6.76	6.7.76
D10	257293	324744	-2.0	-25.66	8.7.76	27.7.76
D11	257305	324753	-6.0	-29.84	2.8.76	4.8.76

East Abutment:-

E1	257985	325347	+6.99	-8.20	27.7.76	6.8.76
E2	257996	325334	+7.42	-7.18	6.8.76	18.8.76

West Abutment:-

W1	257257	324712	+12.07	+0.00	27.4.76	5.5.76
W2	257246	324702	+17.35	-2.92	18.8.76	31.8.76

West Approach Cutting:-

WA1	257171	324638	+33.80	+16.44	6.5.76	25.5.76
WA2	257086	324564	+29.78	+14.53	26.5.76	8.6.76
WA3	257014	324473	+24.78	+13.51	10.6.76	21.6.76

Boreholes Over Water for Feasibility Studies:-

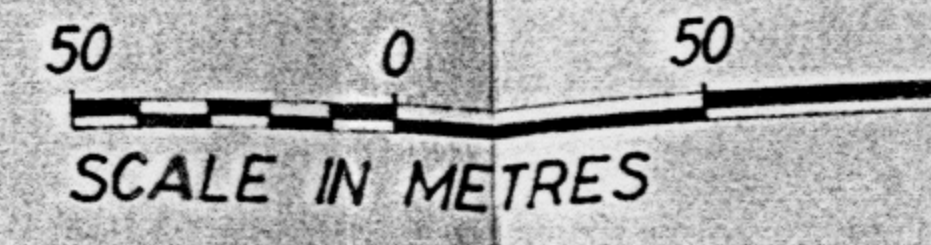
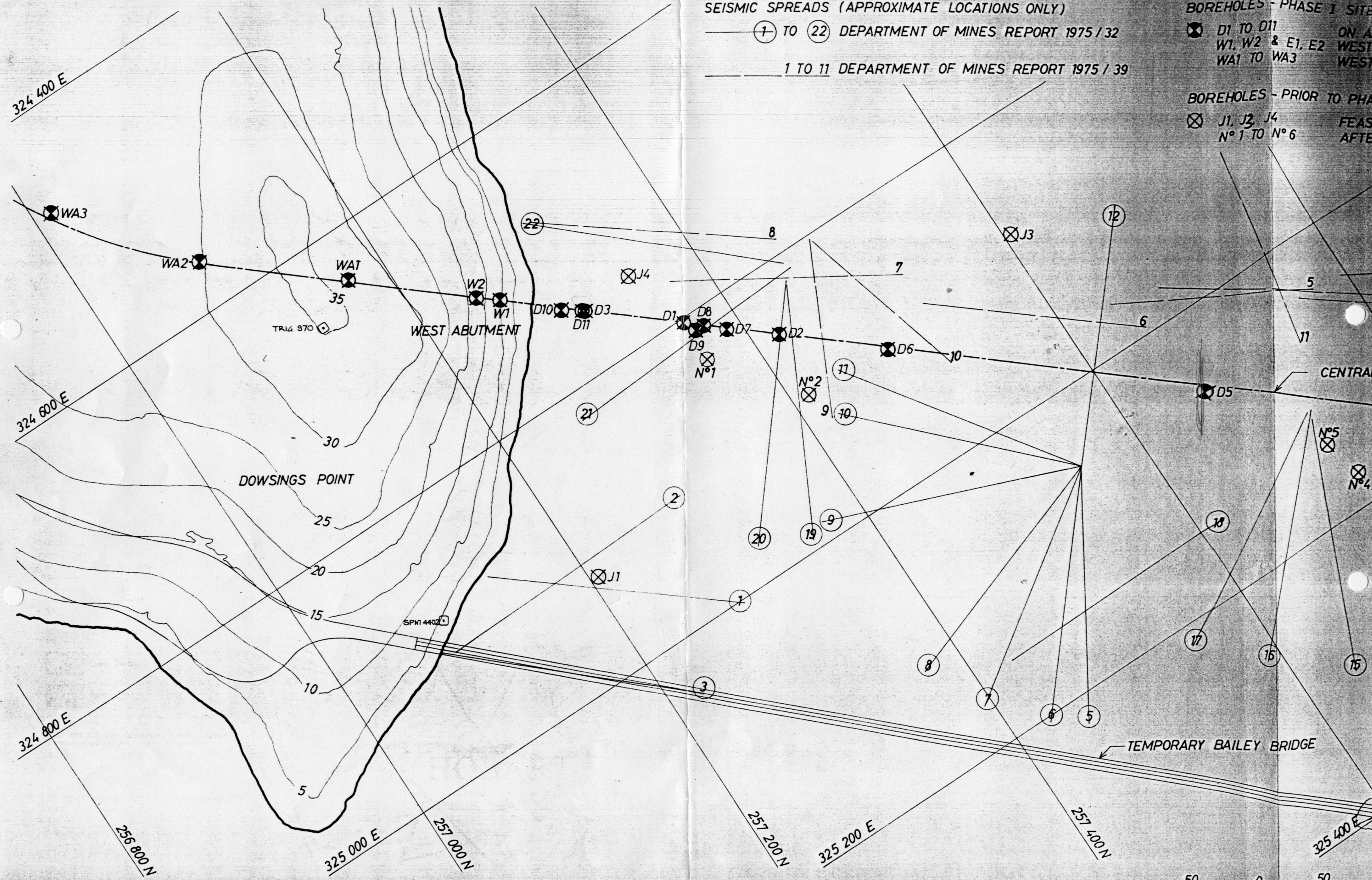
X J1	257206	324925	-7.5	-48.08	May 1975
J3	257605	324882	-8.8	-42.17	Sept. 1975
J4	257349	324750	-6.3	-48.60	Sept. 1975

No. 1 Six Boreholes put down in August to October, 1963,
to approximate locations shown on Drawing No. 2,
No. 6 Results reported by I. B. Jennings, 1964.

Note: Holes J1, J3 and J4 were previously
No. BH1, BH3, and BH4 respectively.

SEISMIC SPREADS (APPROXIMATE LOCATIONS ONLY)
 — (1) TO (22) DEPARTMENT OF MINES REPORT 1975 / 32
 — 1 TO 11 DEPARTMENT OF MINES REPORT 1975 / 39

BOREHOLES - PHASE 1 SITE
 ⊗ D1 TO D11 ON ALL WEST WEST
 W1, W2 & E1, E2 WEST
 WA1 TO WA3 WEST
 BOREHOLES - PRIOR TO PHASE 1
 ⊗ J1, J2, J4 FEASIBILITY AFTER
 N° 1 TO N° 6



21 244

SEISMIC SPREADS (APPROXIMATE LOCATIONS ONLY)

① TO ②② DEPARTMENT OF MINES REPORT 1975 / 32

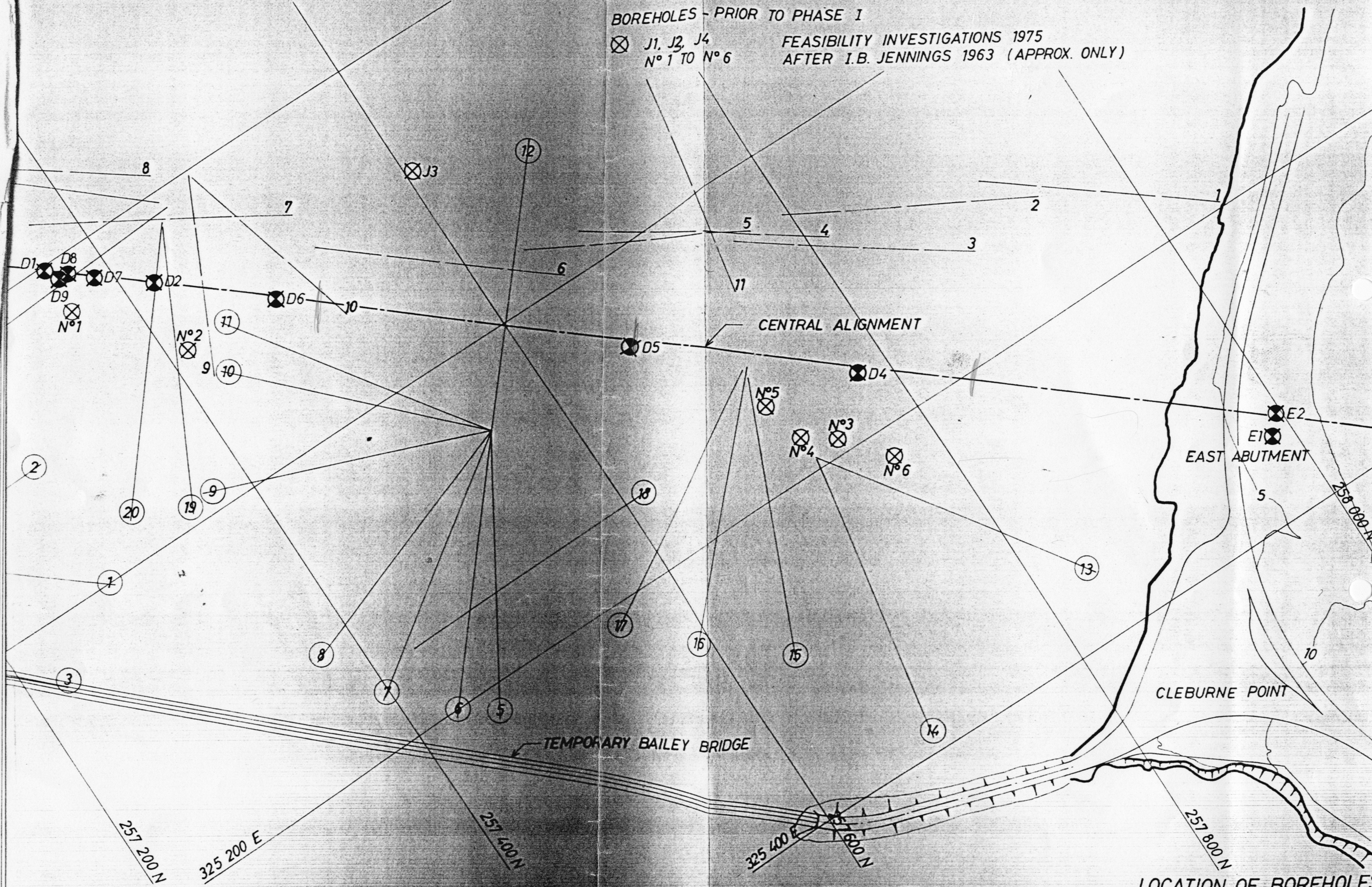
① TO ①① DEPARTMENT OF MINES REPORT 1975 / 39

BOREHOLES - PHASE I SITE INVESTIGATION

⊗ D1 TO D11 ON ALIGNMENT OVER WATER
W1, W2 & E1, E2 WEST / EAST ABUTMENTS
WA1 TO WA3 WEST APPROACH CUTTING

BOREHOLES - PRIOR TO PHASE I

⊗ J1, J2, J4 FEASIBILITY INVESTIGATIONS 1975
N° 1 TO N° 6 AFTER I.B. JENNINGS 1963 (APPROX. ONLY)



LOCATION OF BOREHOLES AND SEISMIC SPREADS
SECOND HOBART BRIDGE

mania

iage

ation

76

Ltd
neers

21 245



REF No 18316

ACC 2
PUR 0DEPARTMENT OF PUBLIC WORKS TASMANIA
MATERIALS AND RESEARCH DIVISION

QUAD 82

MAP SHEET 83122

DRILL LOG RECORD

PROJECT		SECOND HOBART CROSSING PHASE 1 - SITE INVESTIGATION		BORE No.		D7					
Bore co-ordinates: 324825.53 257389.1N E=524760N=52589.50				FILE No.		01.0500					
Surface R.L.:		0.00		Datum:		State					
Angle from horizontal:		90°		Direction:		-					
Sheet no. 1				of 1							
Rock type and degree of weathering	Description Colour, Hardness, etc.	Log	Core loss Lift %	Core size Diameter Depth R.L.	Fracture log	F.C.D. mm	Discontinuities Joints, bedding, seams, faults Description Attitude, smoothness, filling cement, aperture and coating	Drilling water loss	Water level	Remarks	
											Spacing
										River Level -8.0	
	Black Silty Clay									Casing to -48.3	
	Black Silty Clay									-48.0	
6	WATER										
46	Mudstone SW	grey, medium hard		63		20-180	bedding indistinct joints sub-horizontal and 30°			Tricone used * 48.33-49.85 35min	
50	CW	grey, clay like				10-30	small fragments and clay			Tricone used 50.35-51.58 90min 51.58-52.69 35min	
52	MW SW CW	grey, medium hard clay like		63		300-110	no bedding, sub-horizontal joints			END -52.69m	
Drill type		Meyhew 1000		EXPLANATION		* Coring Rates		Vertical scale		1 unit = 0.2m	
Core barrel type		NMLC Triple tube		FRACTURE LOG		WEATHERING		Logged		W.K.	
Driller		Mines Dept.		7 CW - Completely weathered SW - Slightly weathered MW - Moderately weathered		8 SW - Fresh, with laminae stained (green) F - Fresh		Drawn		W.K.	
Comm'd		10-6-76		Determination of 120/46		Date top of dip is 120° angle of dip is 46°		Date		30-6-76	
Compl'd		15-6-76						Checked			

21 266