

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:-

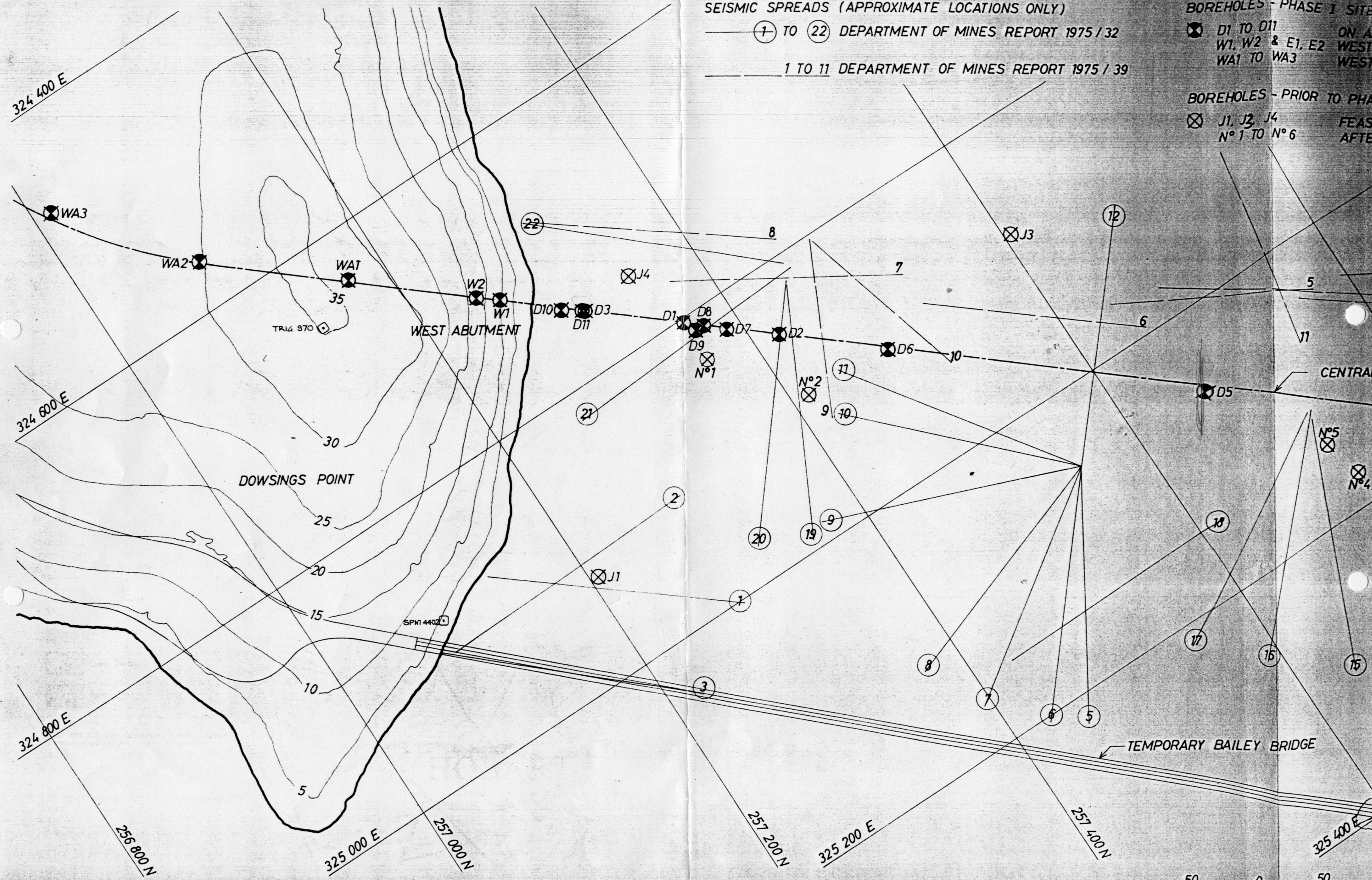
X J1	257206	324925	-7.5	-48.08	May 1975
J3	257605	324882	-8.8	-42.17	Sept. 1975
J4	257349	324750	-6.3	-48.60	Sept. 1975

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



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SEISMIC SPREADS (APPROXIMATE LOCATIONS ONLY)

① TO ②② DEPARTMENT OF MINES REPORT 1975 / 32

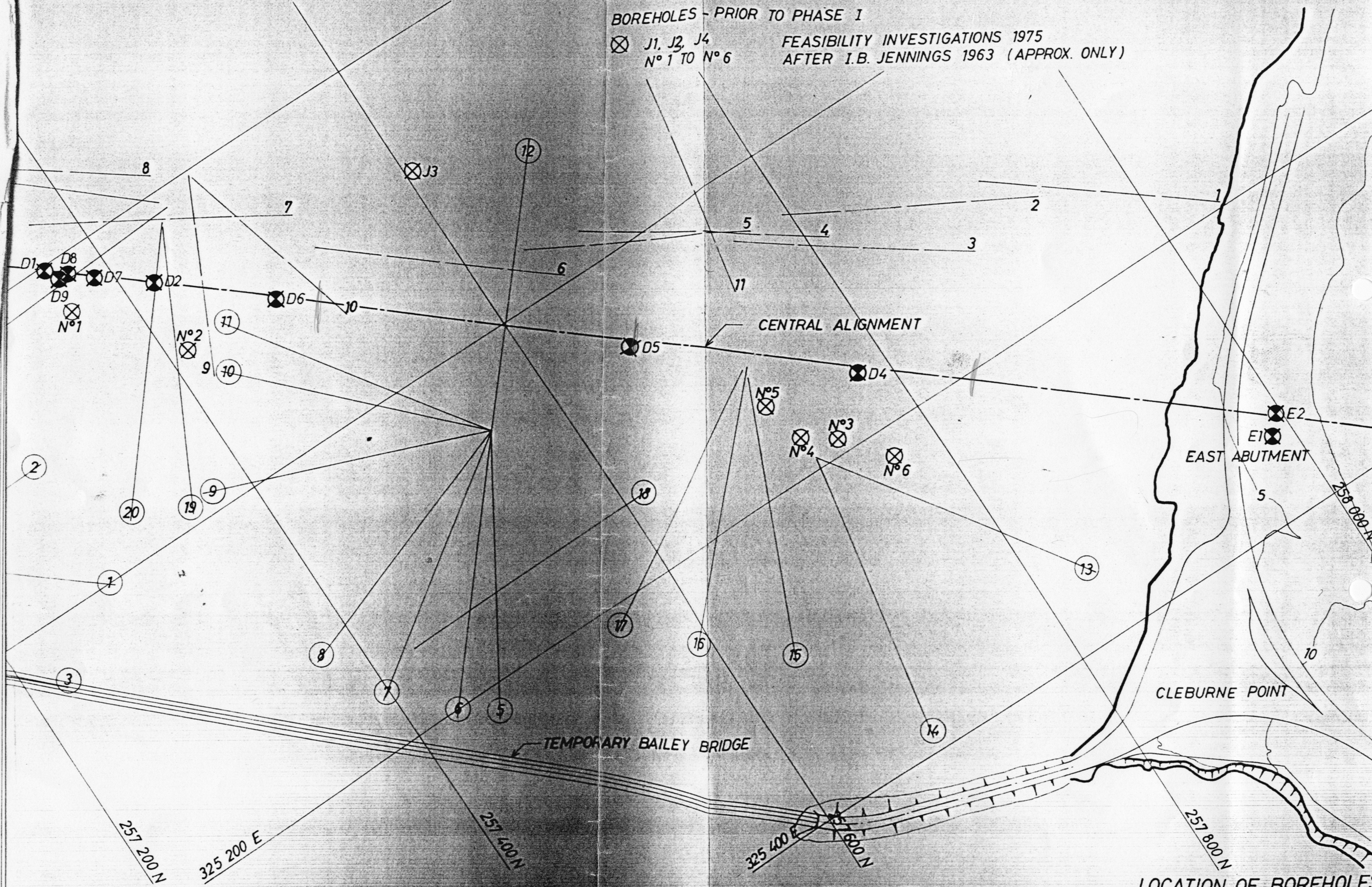
① TO ①① DEPARTMENT OF MINES REPORT 1975 / 39

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

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REF No 18317
 DEPARTMENT OF PUBLIC WORKS TASMANIA
 MATERIALS AND RESEARCH DIVISION

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DRILL LOG RECORD

PROJECT	SECOND HOBART CROSSING PHASE 1 - SITE INVESTIGATION	BORE No.	D8
Bore co-ordinates:	324813E 257375N E=524760N S=5258950	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	Coring loss		Fracture log	R.O.D.	Discontinuities Joints, bedding, seams, faults Description Attitude, smoothness, filling cement, aperture and coating	Drilling water loss	Water level	Remarks
			Loss %	Core R.L.						

8	WATER									River Bed
10										-8.0
	Black silty clay									
	Black silty clay									
46										Wash Boring to 49.0 Casing to 49.4
48	Inferred: Sand and Gravel									RL -49.4
50	grey - green some black fragments									Pieces of indurated mudstone present.
52										END -51.54m
										* 49.40-50.81 75min 50.81-51.54 60min

Drill type	Meyhew 1000	FRACTURE LOG EXPLANATION *Coring rates Breaks in core per foot, or diameter of fragments in feet Eccentric diameter, inches	Vertical scale	1 unit = 0.2m	
Core barrel type	NNLC Triple tube		WEATHERING	Logged	W.E.
Driller	Mines Dept.		CW - Completely weathered HW - Highly weathered MW - Moderately weathered SW - Slightly weathered FS - Fresh, with tonerite stained joints F - Fresh	Drawn	W.K.
Comm'd	16-6-76		Discontinuity at 120°/85° dip (top of dip) 130°/85° dip (top of dip) 95°	Date	14-7-76
Comp'd	18-6-76		Checked		