

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:-

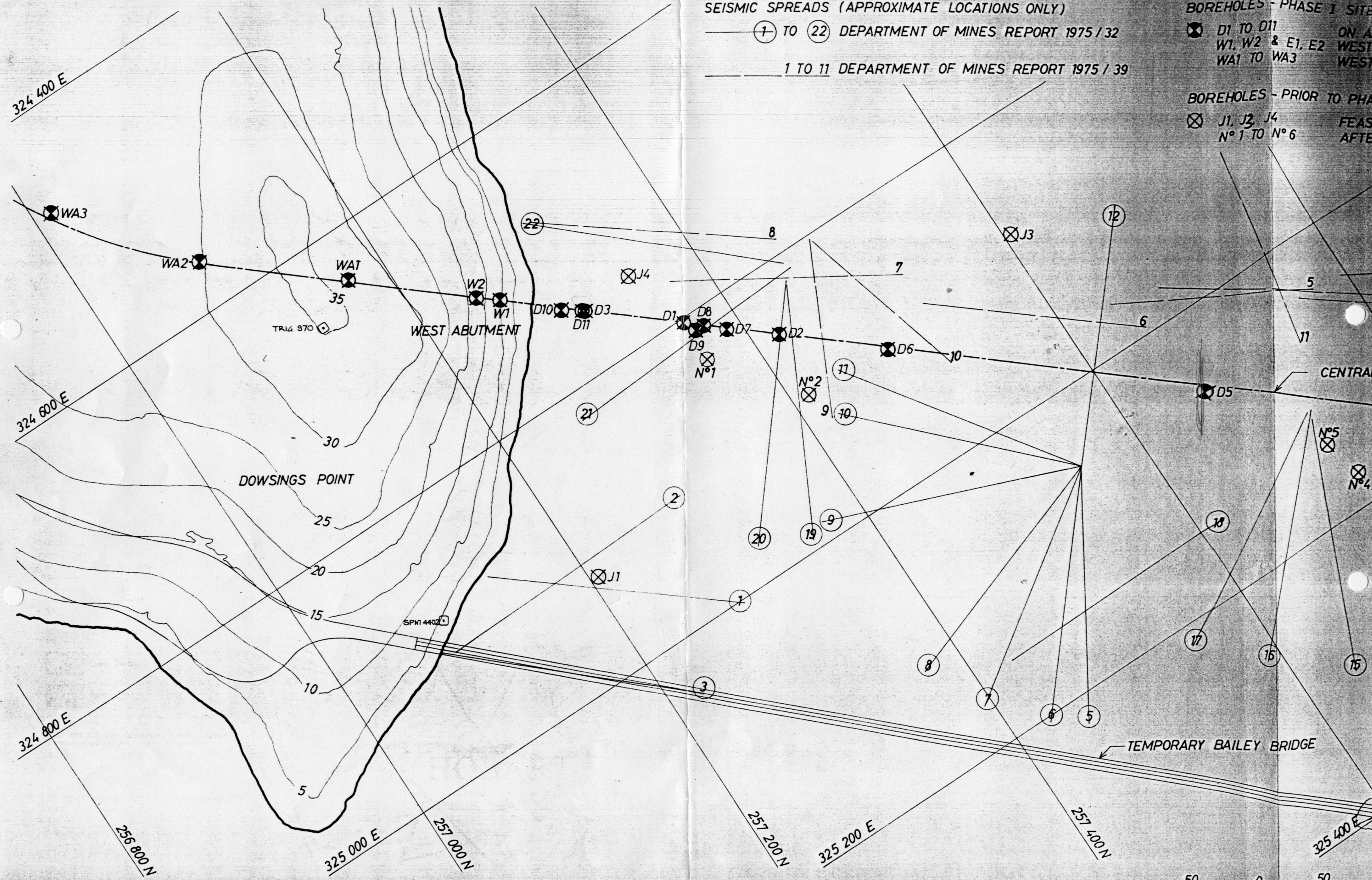
X J1	257206	324925	-7.5	-48.08	May 1975
J3	257605	324882	-8.8	-42.17	Sept. 1975
J4	257349	324750	-6.3	-48.60	Sept. 1975

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

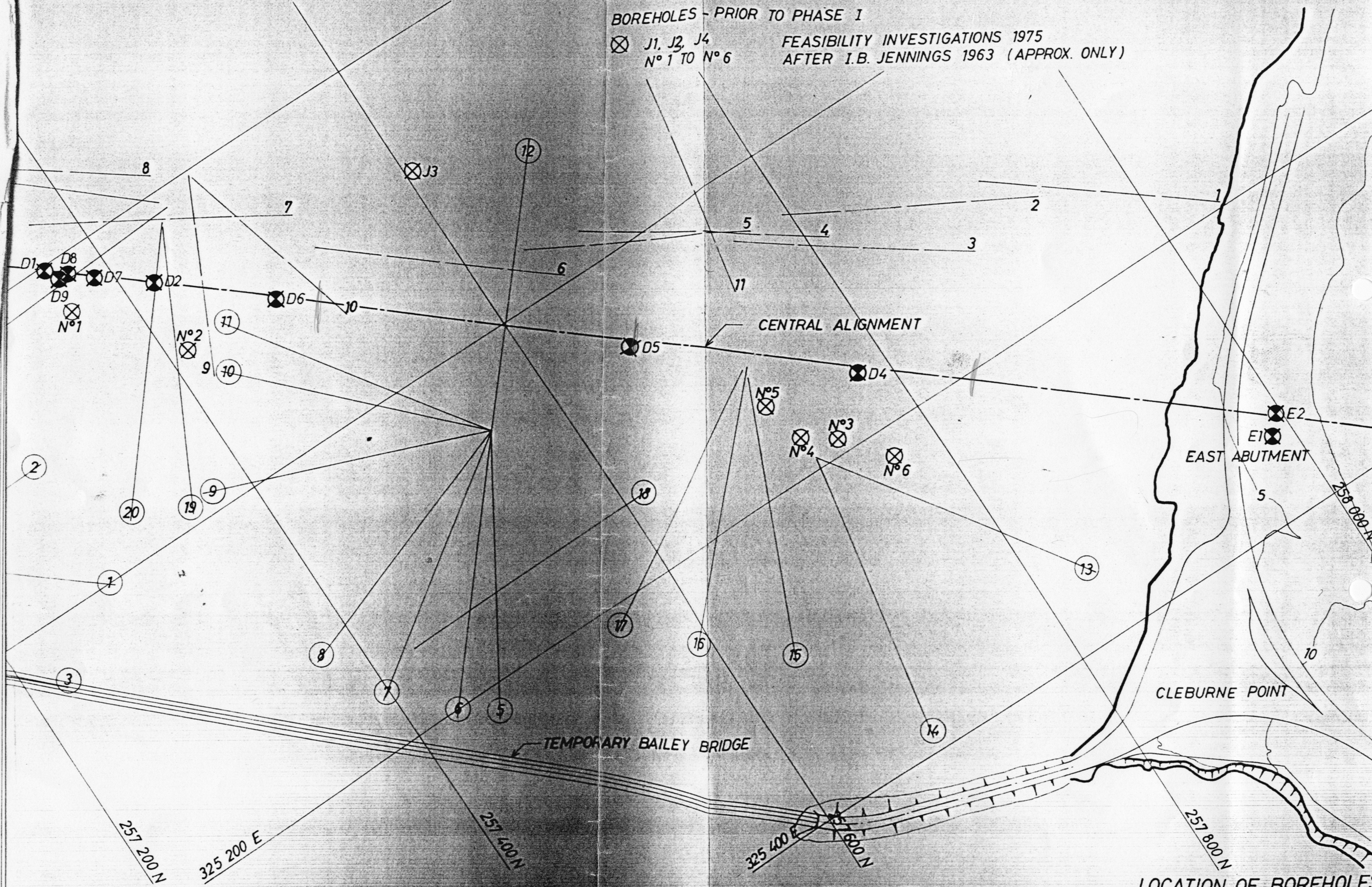
① TO ①① DEPARTMENT OF MINES REPORT 1975 / 39

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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PROJECT		SECOND HOBART CROSSING PHASE 1 - SITE INVESTIGATION				BORE No.		D9		
Bore co-ordinates:		324813E 257369N E = 524760N = 525895E				FILE No.		01.0500		
Surface R.L.:		0.00		Datum:		State		Sheet no. 1 of 1		
Angle from horizontal:		90°		Direction:		-				
Rock type and degree of weathering	Description Colour, Hardness, etc.	Log	Core loss	Core size	Fracture log	R.O.D.	Discontinuities		Drilling water loss	Remarks
			Lift %	Depth R.L.			Spacing	Description Attitude, smoothness, filling cement, apperture and coating		
			20 60	1 4 16 64		200			25 75	
	WATER									River Bed
										-8.0
	Black silty clay									
										Hole cemented and redrilled at -50.33
	Black silty clay									HW Casing to -47.13
										-47.13
										Tricone used
	Blue, hard dolerite fragments	V V				0		Random joints some sub-vertical Greenish infill		* 47.54-48.04 45min 48.04-49.56 60min
	MW-SW					19				
						0				Tricone used
	SW ditto	V V				0		ditto		50.74-51.19 30min 51.19-51.58 25min
						26				
						0				Tricone used
	Fr Blue, hard core	V V				0		ditto		HW Casing re-run to +52.41
						30				
						67				END -54.28
										Diamond bit lost. Hole abandoned
Drill type	Meyhew 1000'	EXPLANATION				* Coring rates	Vertical scale	1 unit = 0.2m		
Core barrel type	NWLC Triple tube	FRACTURE LOG In. dia in core per foot of equivalent diameter, inches					Logged	W.K.		
Driller	Mines Dept.	WEATHERING CW - Completely weathered SW - Slightly weathered HW - Highly weathered FSI - Fresh, with laminae stained joints MW - Moderately weathered Fr - Fresh					Drawn	W.K.		
Comm'd	21-6-76	Discontinuities eg 120/45 direction of dip is 120° angle of dip is 45°					Date	14-7-76		
Compl'd	6-7-76						Checked			