

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:-

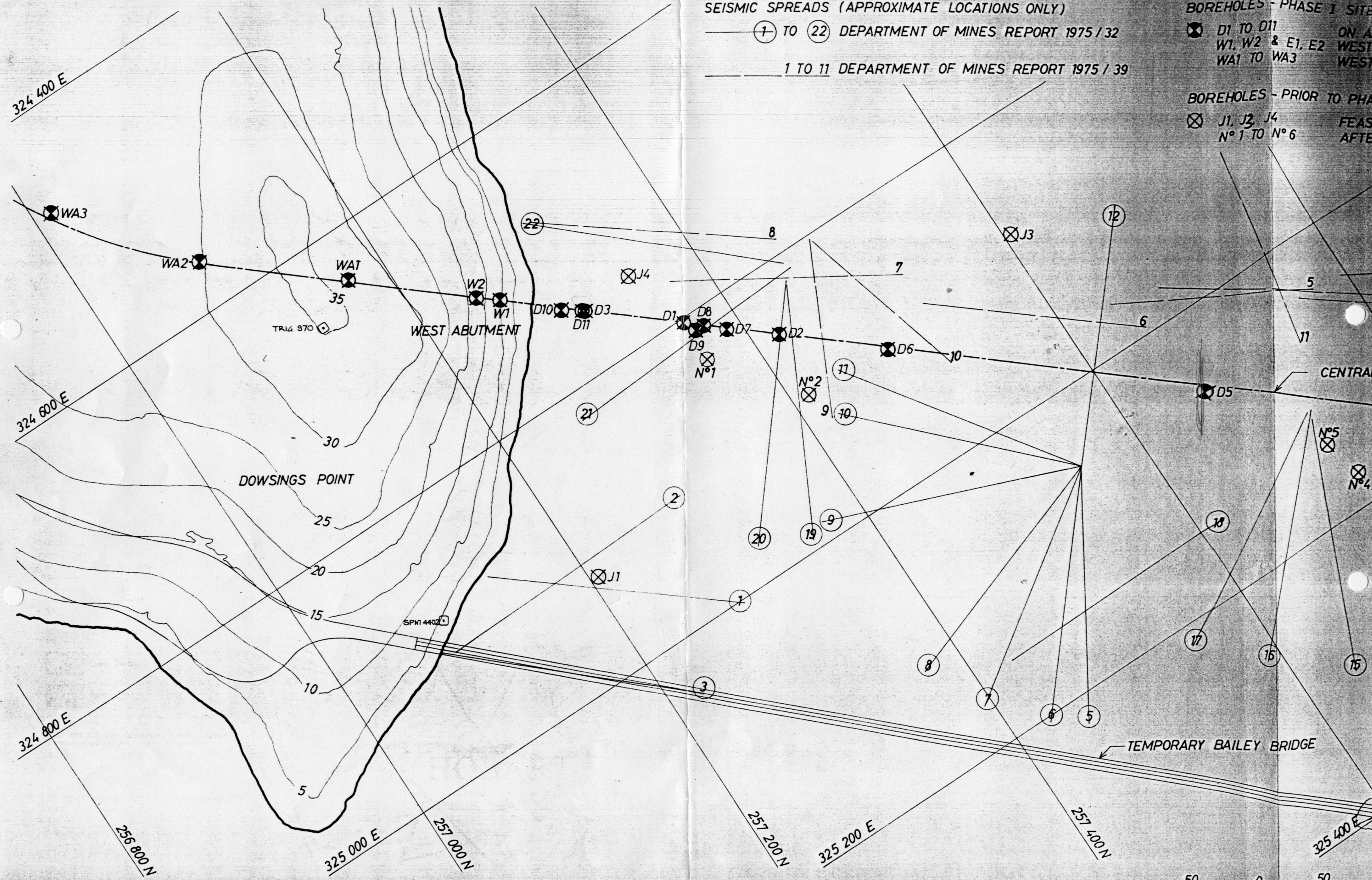
X J1	257206	324925	-7.5	-48.08	May 1975
J3	257605	324882	-8.8	-42.17	Sept. 1975
J4	257349	324750	-6.3	-48.60	Sept. 1975

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

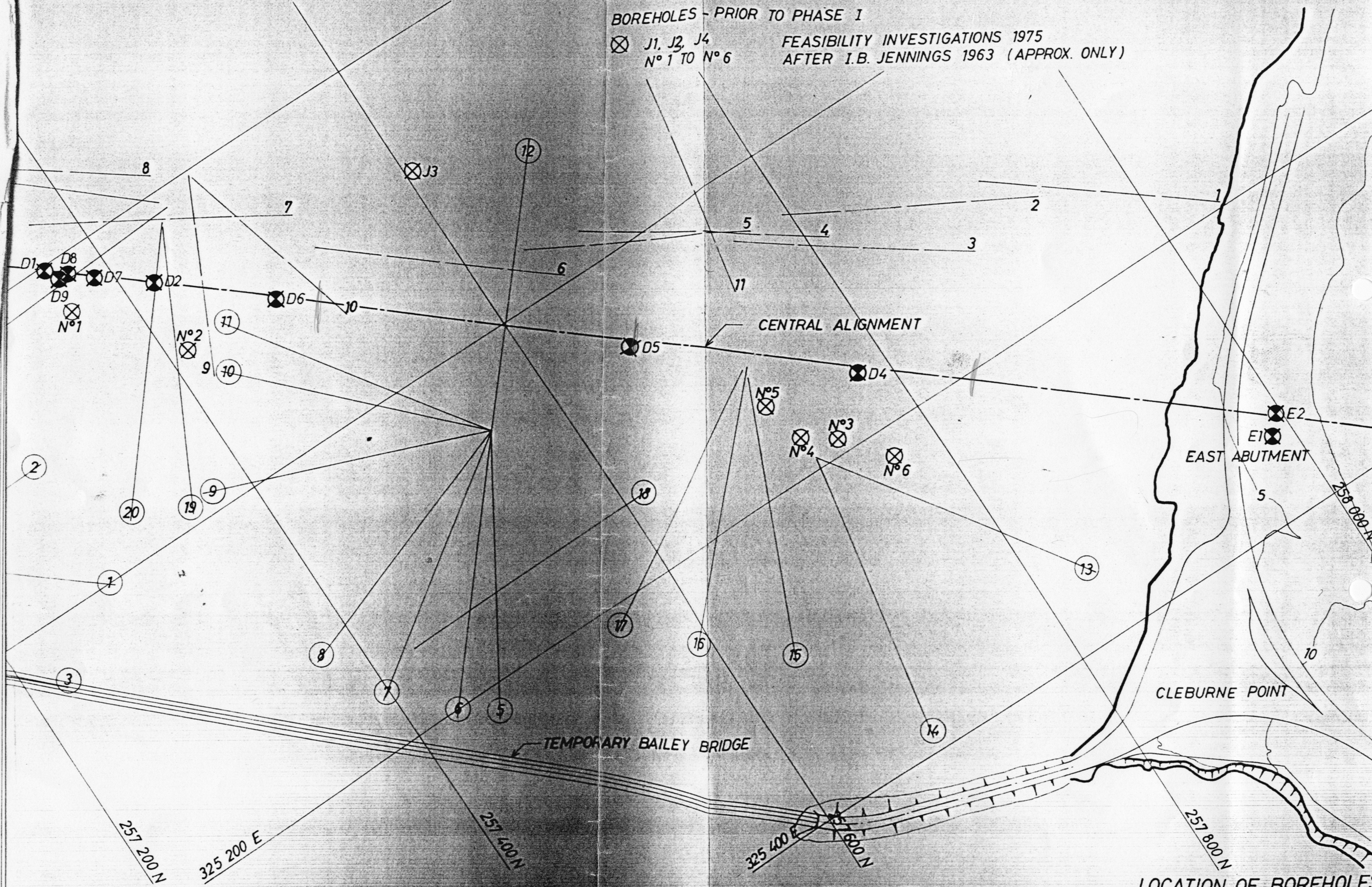
① TO ①① DEPARTMENT OF MINES REPORT 1975 / 39

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. WA 2
Bore co-ordinates: 324564E 257086N R=524760 N=5258950	FILE-No. Western Approach
Surface R.L.: 29.78 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: Lift %	Core size Depth R.L.	Fracture log	R.O.D.	Discontinuities		Drilling water loss	Remarks
							Joints, bedding, seams, faults	Description Attitude, smoothness, filling cement, aperture and coating		

Completely weathered dolerite	Black - brown clay									28.48
2 Dolerite SW	Blue - brown to blue.	V				0	5 to 50	Joint mostly sub-horizontal and sub-vertical, limonite stained faces some zeolite calcite infill		
4	Hard.	V				0				
6		V				0	5 to 50			
8		V				0	280			
10 Dolerite SW		V				0	58 100			
12		V				0	175-40			
14		V				0	0 5-8			
		V				0	10-100			
		V				0	5-20			
		V				0	40-100			
		V				0	63 100			
		V				0	10-60			
		V				0	56 40-150			
		V				0	0 20-80			
16										END 14.53

Drill type Rotary	EXPLANATION FRACTURE LOG Breaks in core per foot, or diameter of fragments in feet Equivalent diameter, inches	WEATHERING SW - Slightly weathered F15 - Fresh, with limonite stained joints F1 - Fresh	Vertical scale 1 unit = 0.2m
Cave barrel type NMLC Triple tube			Logged W.K.
Driller Mines Dept.			Drawn W.K.
Comm'd 26-5-76			Date 11-6-76
Compl'd 8-6-76			Checked