

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:-

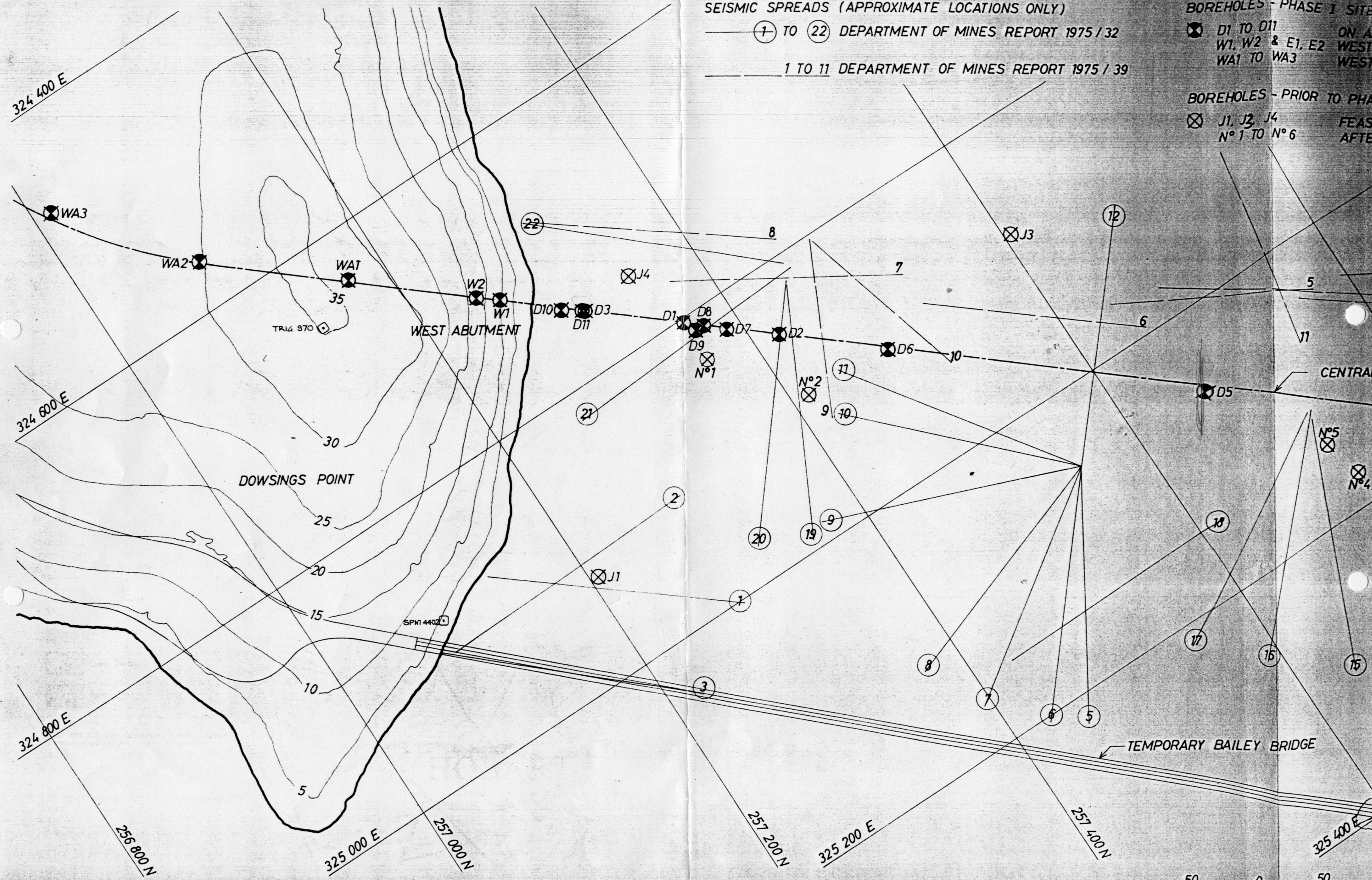
X J1	257206	324925	-7.5	-48.08	May 1975
J3	257605	324882	-8.8	-42.17	Sept. 1975
J4	257349	324750	-6.3	-48.60	Sept. 1975

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 AL 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

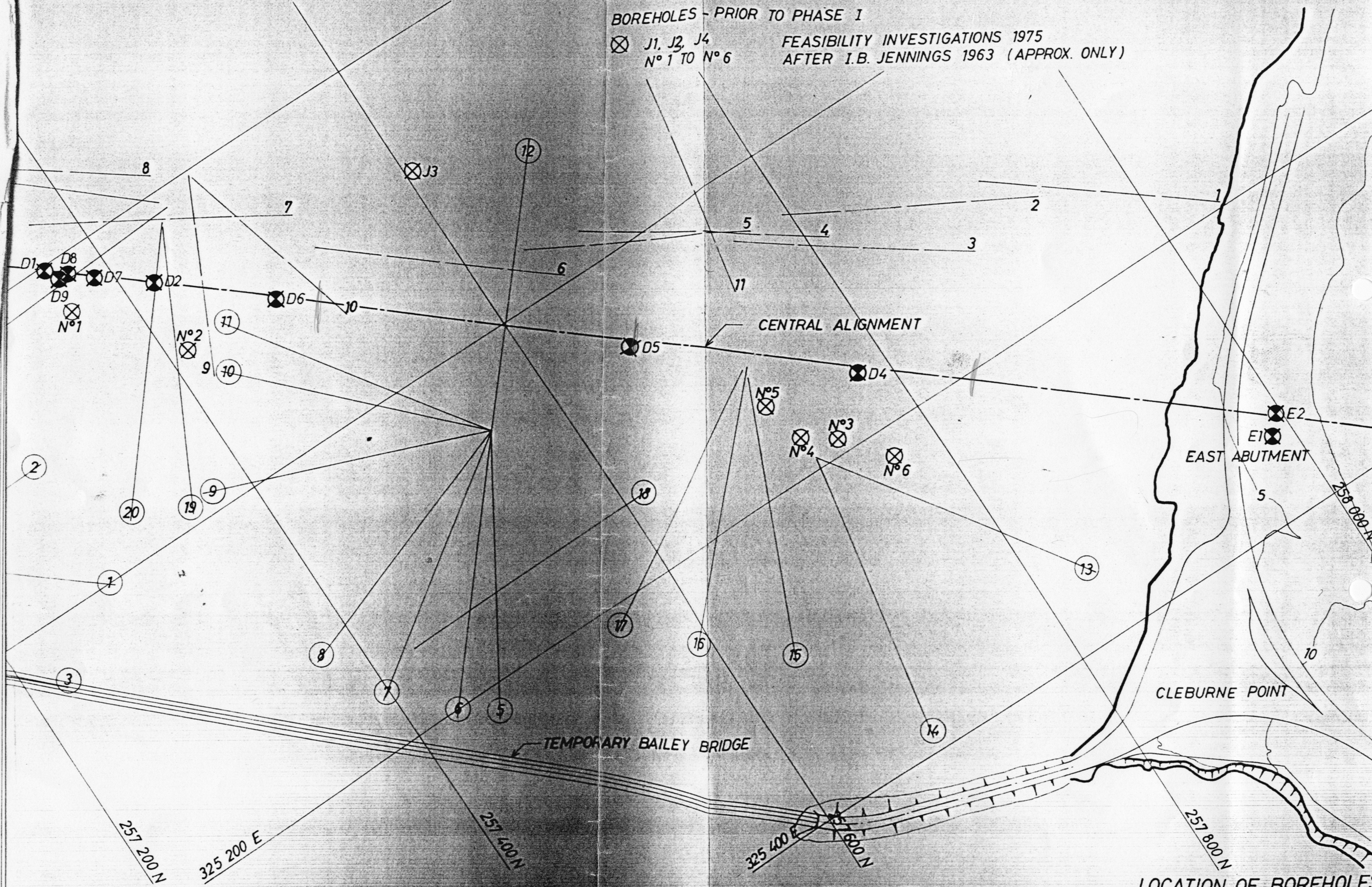
① TO ①① DEPARTMENT OF MINES REPORT 1975 / 39

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 18327  
 DEPARTMENT OF PUBLIC WORKS TASMANIA  
 MATERIALS AND RESEARCH DIVISION

ACC 2  
 PUR 0

QUAD 82 MAP SHEET 83122

DRILL LOG RECORD

PROJECT	SECOND HOBART CROSSING PHASE 1 - SITE INVESTIGATION	BORE No.	WA3
Bore co-ordinates:	324473E 257014N E=524760 N=5250950	FILE-No.	Western Approach
Surface R.L.:	24.78	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 Depth R.L.	Fracture log	R.O.D.	Discontinuities Joints, bedding, seams, faults Description Attitude, smoothness, filling cement, aperture and coating	Drilling water loss	Remarks

Dolerite		V				0						
CW	brown, soft	V				0						
MW		V				10						
2 SW	blue, brown joints, hard	V				44	20-					
		V				100						
		V				86	130					
SW		V				0	50					
4		V				56	300					
SW		V				100	150					
MW	brown	V				28	80					
6 Fr	blue, hard	V				64	50-					
		V				100	130					
		V				100	300					
8 Fr	blue, hard	V				87	10					
		V				100	300					
10 Fr		V				100	300					
		V				100	300					
MW	blue, brown joints	V				16	30					
												END RL 13.51

12												
----	--	--	--	--	--	--	--	--	--	--	--	--

Drill type	Rotary	FRACTURE LOG  Breaks in core per foot, or Equivalent diameter, inches	EXPLANATION WE AT THE RING CW - Completely unweathered SW - Slightly weathered MW - Moderately weathered Fr - Fracture	Vertical scale	1 unit = 0.2m
Core barrel type	NQ Wireline			Logged	W.K.
Driller	Mines Dept.			Drawn	W.K.
Comm'd	10-6-76			Date	1-7-76
Compl'd	21-6-76			Checked	