

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:-

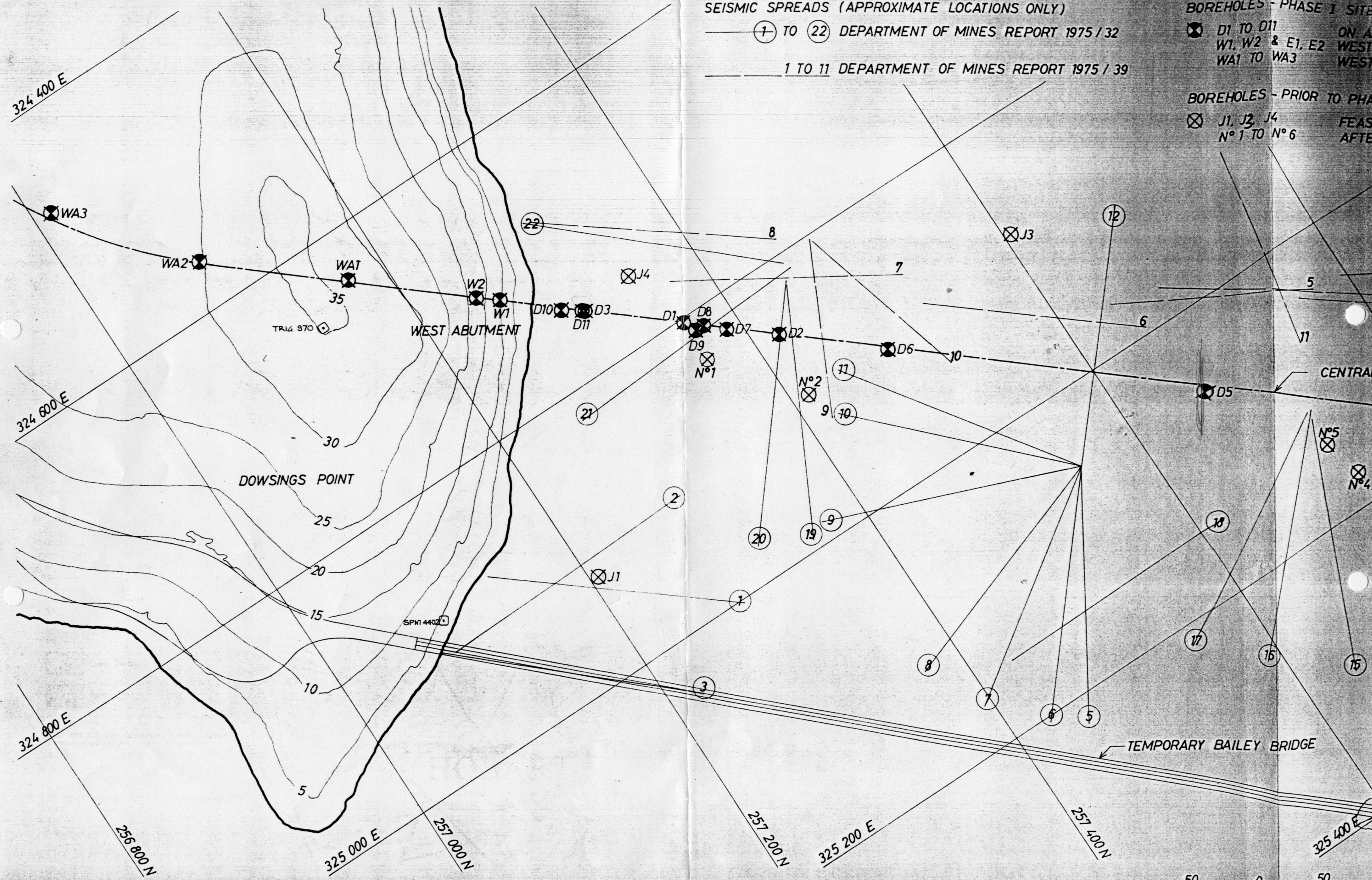
X J1	257206	324925	-7.5	-48.08	May 1975
J3	257605	324882	-8.8	-42.17	Sept. 1975
J4	257349	324750	-6.3	-48.60	Sept. 1975

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.

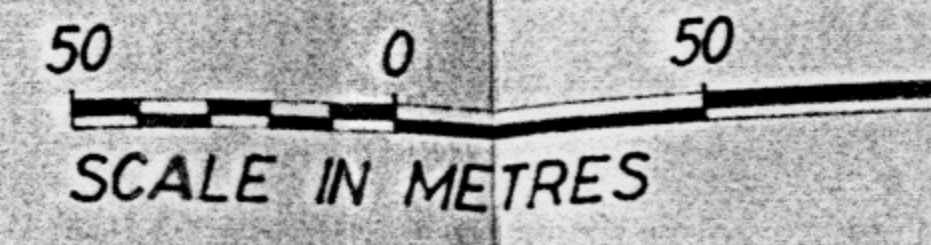
Note: Holes J1, J3 and J4 were previously  
No. BH1, BH3, and BH4 respectively.

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

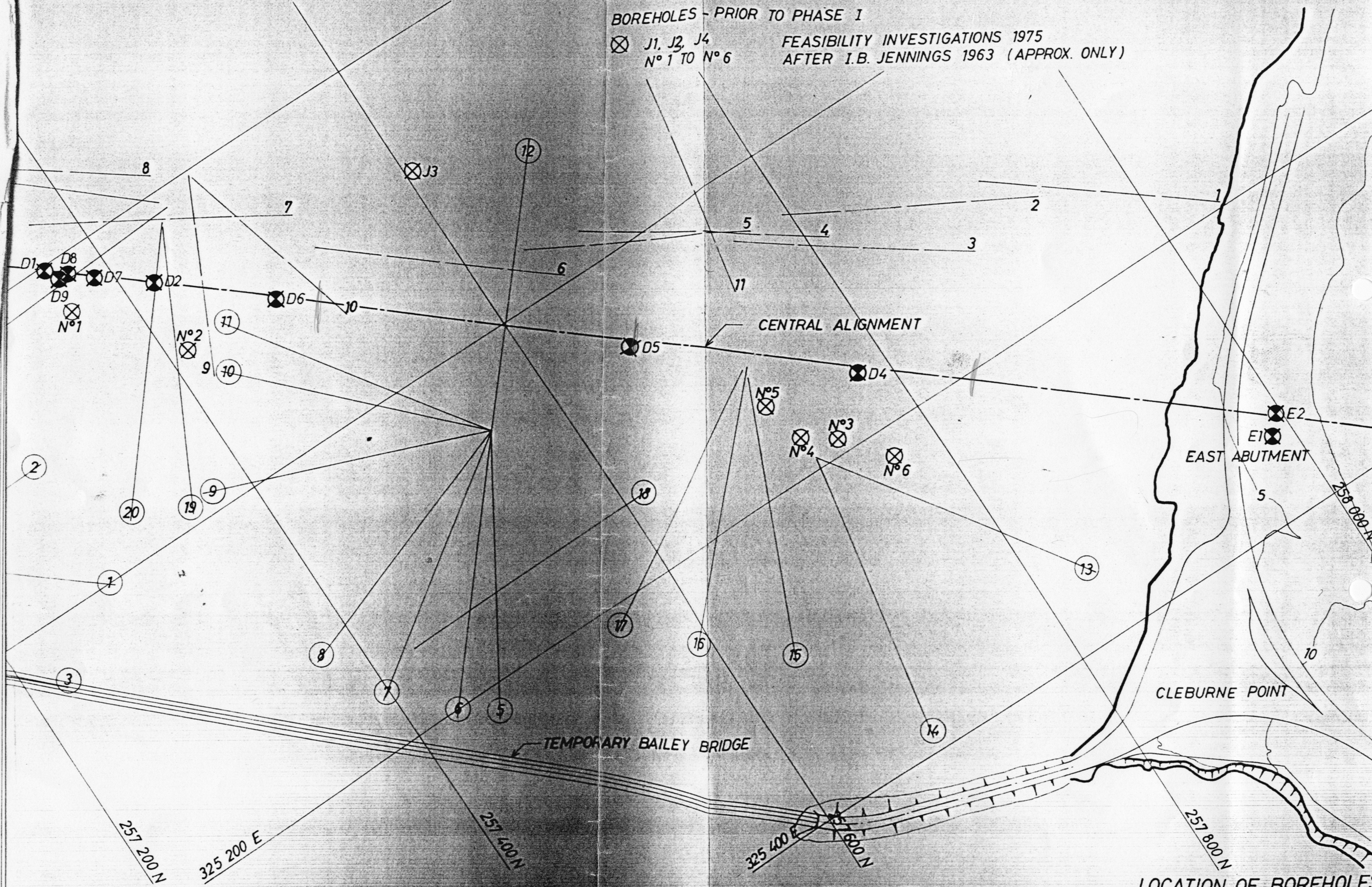
① TO ①① DEPARTMENT OF MINES REPORT 1975 / 39

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 18321

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.	E1
Bore co-ordinates:	357082E 355473S E=524930 N=3259150	FILE No.	01.0500
Surface R.L.:	0.00	Datum:	State
Angle from horizontal:	000	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.Q.D.	Discontinuities Joints, bedding, seams, faults Description Attitude, smoothness, filling cement, aperture and coating	Drilling water loss	Water level	Remarks
Washbore	stiff, brown sandy clay									
Washbore 2	ditto with waterworn stones									BPT 0.85-1.3m N = 39
M 4 Barrel used	Coarse gravel (rounded dolerite and some quartz stones in sandy clay matrix)						Stone size 10 - 70mm Matrix inferred from water return			BPT unsuccessful
6										+0.74m
Sandstone	Hard									
SW 8 Fr	Yellow - pink with rusty bands coarse grained						Sub-vertical joint through core			
10 SW	Purple - pink						Bedding sub-horizontal sometimes erratic			
12 SW Fr	Light yellow-green						Joints along bedding planes			
14 SW Fr	dark grey-light bands. Fine grained									
14 SW Fr	Light grey, hard coarse grained									
15, 16										END-8.20
16										

Drill type	RCC	<b>EXPLANATION</b> Breaks in core per foot or diameter of fragments in feet 	Vertical scale	1 unit = 0.2m
Core barrel type	Wireline		<b>WEATHERING</b> CW - Completely weathered HW - Highly weathered MW - Moderately weathered SW - Slightly weathered Fr - Fresh, with laminae stained joints Fr - Fresh	Logged
Driller	J. Vance	Discontinuities at 120 deg Dip from dip is 120 deg Dip of dip is 45 deg	Drawn	
Comm'd	27-7-76		Date	7-2-76
Comm'd			Checked	