

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:-

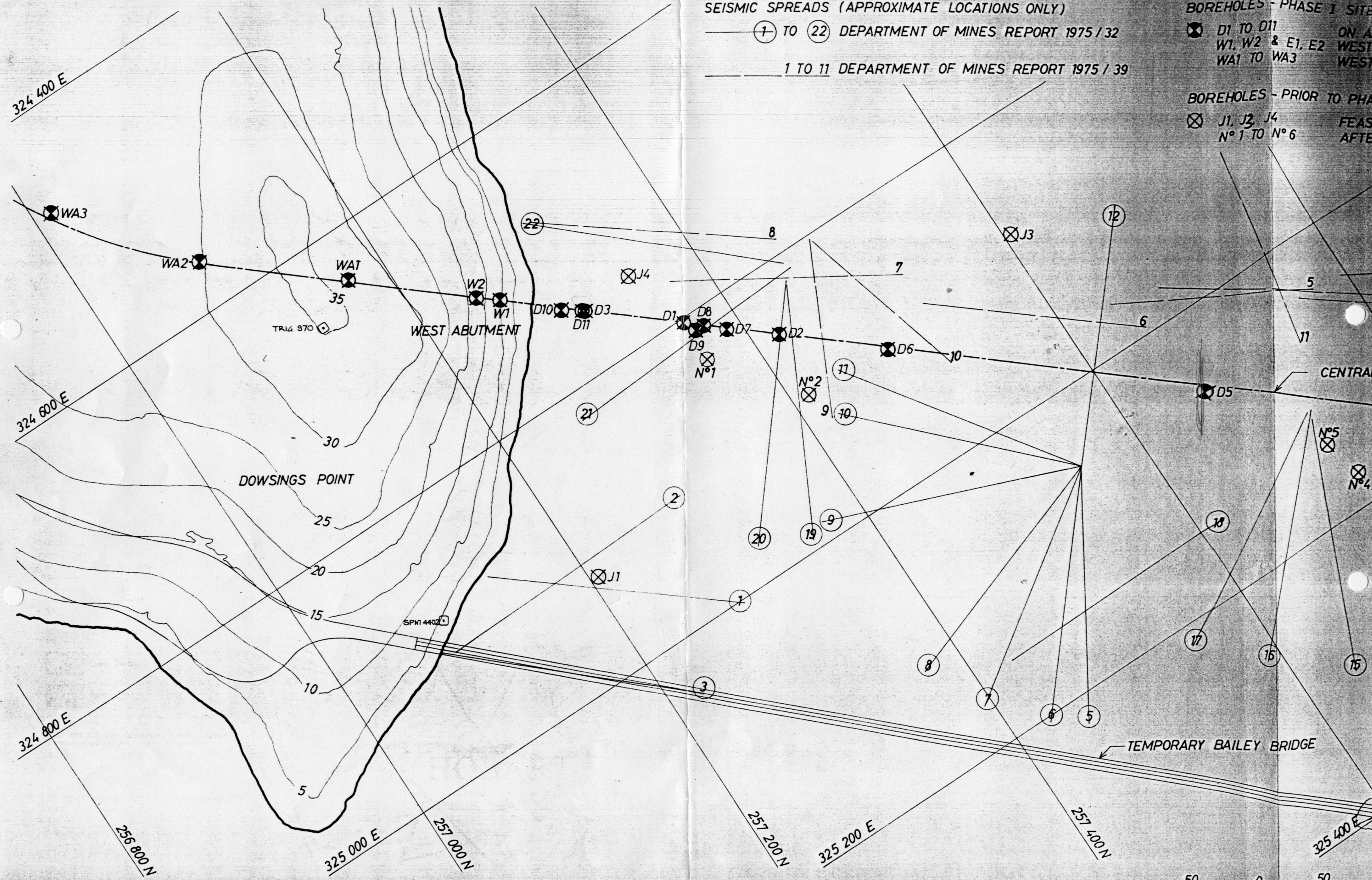
X J1	257206	324925	-7.5	-48.08	May 1975
J3	257605	324882	-8.8	-42.17	Sept. 1975
J4	257349	324750	-6.3	-48.60	Sept. 1975

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

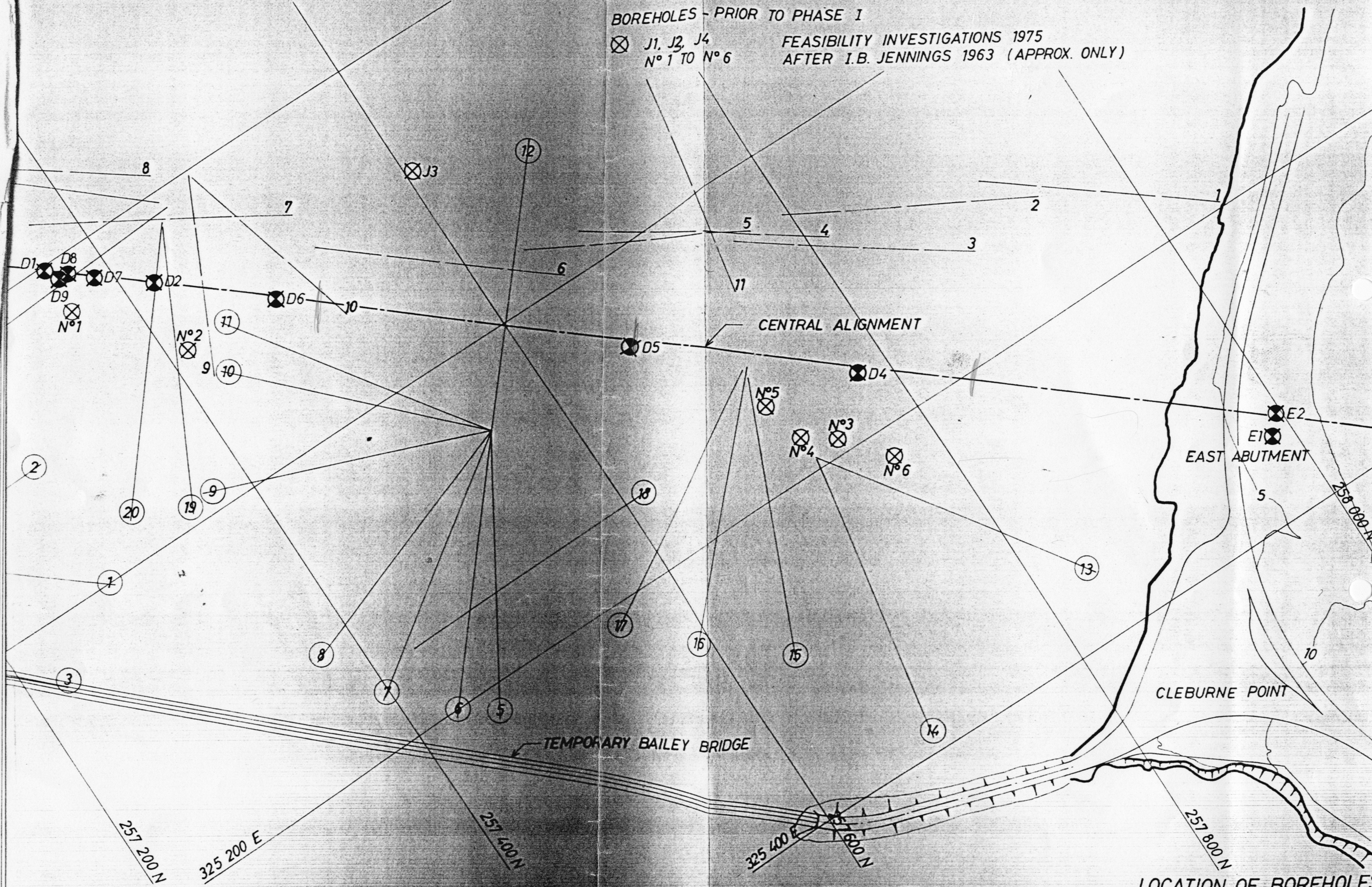
① TO ①① DEPARTMENT OF MINES REPORT 1975 / 39

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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DEPARTMENT OF PUBLIC WORKS TASMANIA
MATERIALS AND RESEARCH DIVISION

REF No 18322
QUAD 82 MAP SHEET 83122

ACC 2
PUR 0

DRILL LOG RECORD

PROJECT	SECOND HOBART CROSSING PHASE 1 - SITE INVESTIGATION	BORE No.	E 2
Bore co-ordinates:	357906N 305333.50E E=524930N=5259150	FILE No.	01.0500
Surface R.L.:	7.40	Datum:	Stabs
Angle from horizontal:	00°	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		Drilling water loss	Water level	Remarks
							Description	Spacing			

2	2.45	gravelly-sandy clay									DEPTH 2.0-2.45 N = 34
4		Sandy gravel Rounded dolomite and quartz stone						stone size 10 - 50mm Matrix inferred from water return			DEPTH 3.95-4.40 N = 30
6	6.95										+0.47
8 SW		Hard Light grey with yellow bands coarse grained						Sub-horizontal bedding planes sometimes indistinct			
Fr											
10 SW		Yellow - grey						joints along bedding planes			
SW		Yellow Pink									
12 SW to SW		green - grey charcoal - grey									
14 Fr	14.60	Light grey with green bands									END - 7.18
16											Standpipe installed to approx 7.0 m

Drill type	RCOG	FRACTURE LOG 1 4 16 24 1 3 5 7	EXPLANATION Bore hole in core per foot, or diameter of fragments in feet	Vertical scale	1 unit = 0.2m
Core barrel type	Wireline			Logged	Drawn
Driller	A. VANCE	WEATHERING 2 SW - Completely weathered SW - Slightly weathered SW - Fresh, with (sometimes) planar joints Fr - Fresh Fr - Free		Checked	
Comm'nd	0-0-00	Discontinuities at 120° Dip hole at dip of 120° angle of dip is 45°			
Compl'd	0-0-00				