

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:-

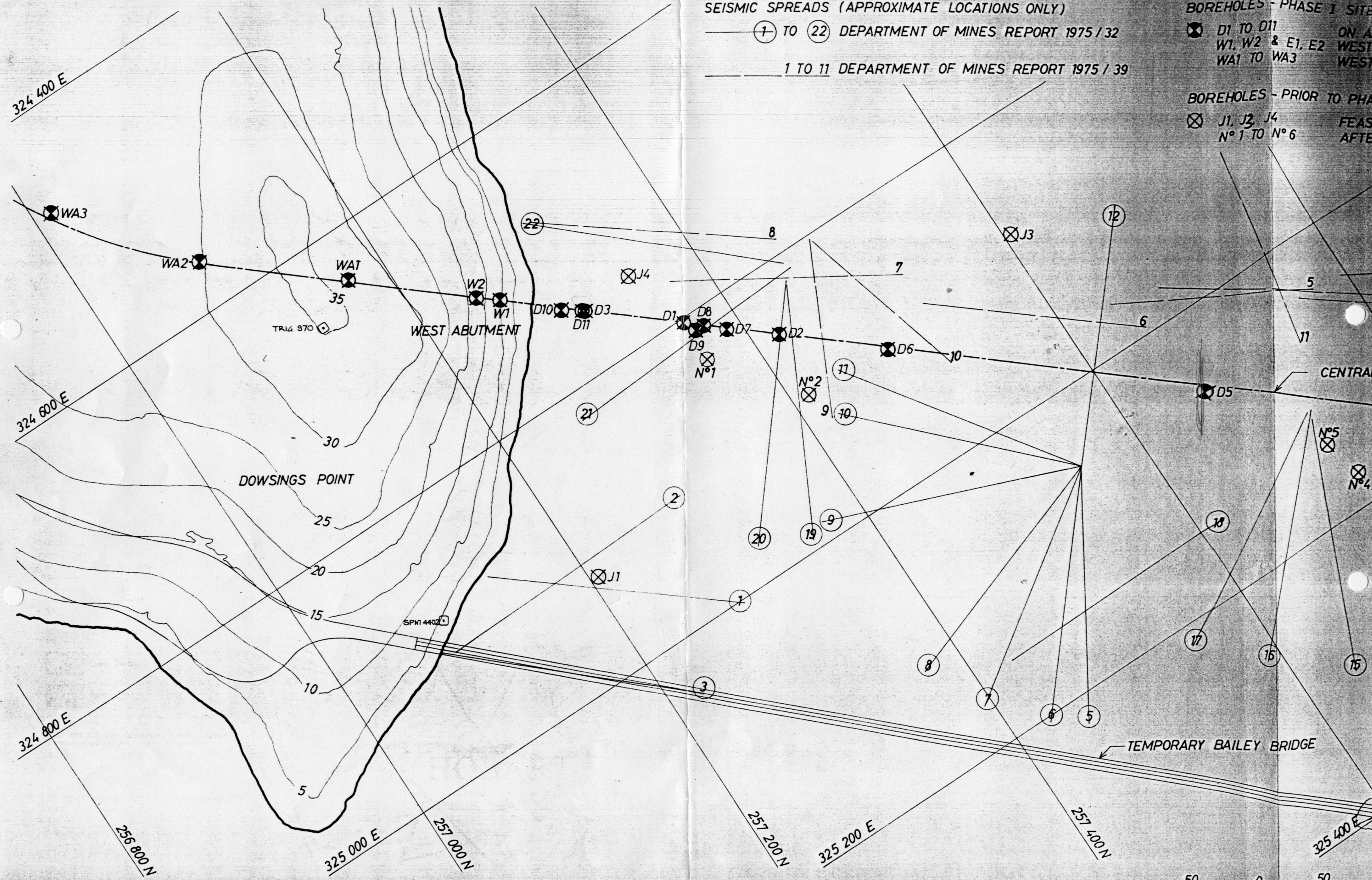
X J1	257206	324925	-7.5	-48.08	May 1975
J3	257605	324882	-8.8	-42.17	Sept. 1975
J4	257349	324750	-6.3	-48.60	Sept. 1975

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

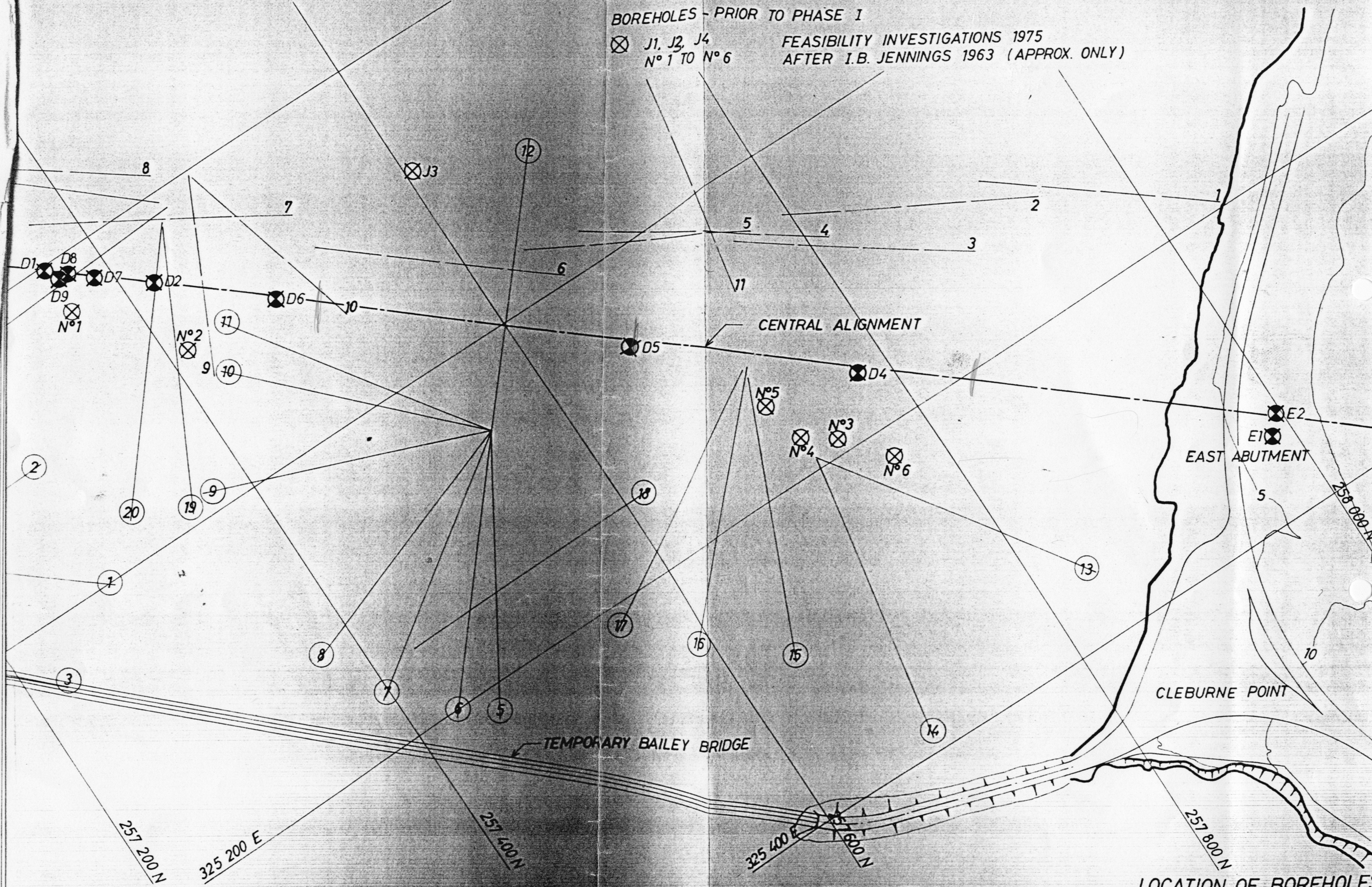
① TO ①① DEPARTMENT OF MINES REPORT 1975 / 39

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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REF No 18320

DEPARTMENT OF PUBLIC WORKS TASMANIA
MATERIALS AND RESEARCH DIVISION

ACC 2
PUR 0

QUAD 82 MAP SHEET 83122

BORE LOG RECORD

PROJECT SECOND HOBART CROSSING PHASE 1 - SITE INVESTIGATION		BORE No. D11	
Bore co-ordinates: 324753E 257305N E = 524760N = 5258950		FILE No. 01.0500	
Surface R.L.: 0.00	Datum: State	Sheet no. 1 of 2	
Angle from horizontal: 90°	Direction: -	Commenced: 2-8-76	Logged: P.S.
Rig type: Mayhew 1000	Drill size: 6" casing	Completed: 4-8-76	Checked: W.K.
Drilling by: Mines Dept.	Water level: River		

R.L.	Depth	Sample Core	SAMPLE TYPE	Description	Log	Additional Information
	2					
	4			Water		
-6.0	6					River bed
	8				B	
	10			Black silty clay with shells	⊕	Wash boring
	12				B	
	14				⊕	
	16				B	
	18				⊕	
	20				B	

Units: S.I.

Symbols:



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MATERIALS AND RESEARCH DIVISION

DRILL LOG RECORD

PROJECT	SECOND HOBART CROSSING PHASE 1 - SITE INVESTIGATION	BORE No.	D 11
Bore co-ordinates:	324753B 257305N	FILE No.	01.0500
Surface R.L.:	0.00	Datum:	State
Angle from horizontal:	90°	Direction:	-
		Sheet no.	2 of 2

Rock type and degree of weathering	Description Colour, Hardness, etc.	Log	Core loss:	Core size Depth R.L.	Fracture log	R.O.D. Spacing	Discontinuities Joints, bedding, seams, faults Description Attitude, smoothness, filling cement, aperture and coating	Drilling water loss	Water level	Remarks
			LiFi %							

	(Refer Sheet 1)										
											-21.0
Inferred Dolerite		v									Rock bit used
22		v									
HW		v									
TO		v									
24		v									6" Casing to -25.85
CW		v									
		v									
		v									
26		v									Coring started -26.1
Dolerite	greenish-brown, hard, with many white zeolite veins	v									
FW		v					0				
MW		v					17				
28		v					54				
MW		v					65				
		v					67				
		v					0				End -29.84m
30											
32											

Drill type	Mayhew 1000	FRACTURE LOG 	EXPLANATION Strikes in core per foot, or diameter of fragments in feet Equivalent diameter, inches	Vertical scale	1 unit = 0.2m
Core barrel type	NMLC Triple tube			Logged	A.K.
Driller	Mines Dept.	WEATHERING CW - Completely weathered SW - Slightly weathered HW - Highly weathered FR - Fresh, with laminae stained joints MW - Moderately weathered F - Fresh	Discontinuities eg. 120/46 Section of dip at 120° angle of dip at 45°	Drawn	A.K.
Comm'd	2-8-76			Date	3-8-76
Comp'd	4-8-76			Checked	