

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:-

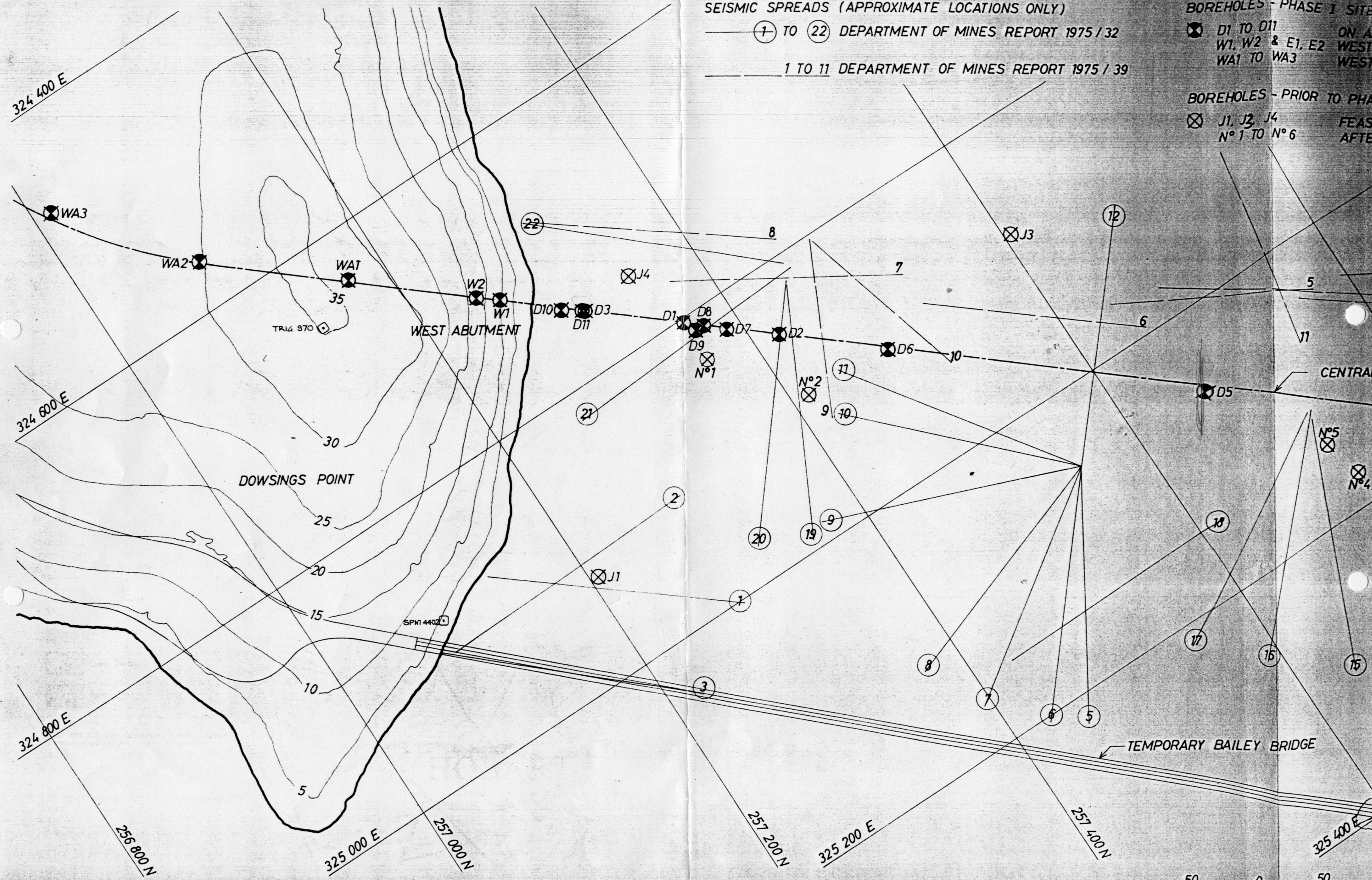
X J1	257206	324925	-7.5	-48.08	May 1975
J3	257605	324882	-8.8	-42.17	Sept. 1975
J4	257349	324750	-6.3	-48.60	Sept. 1975

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

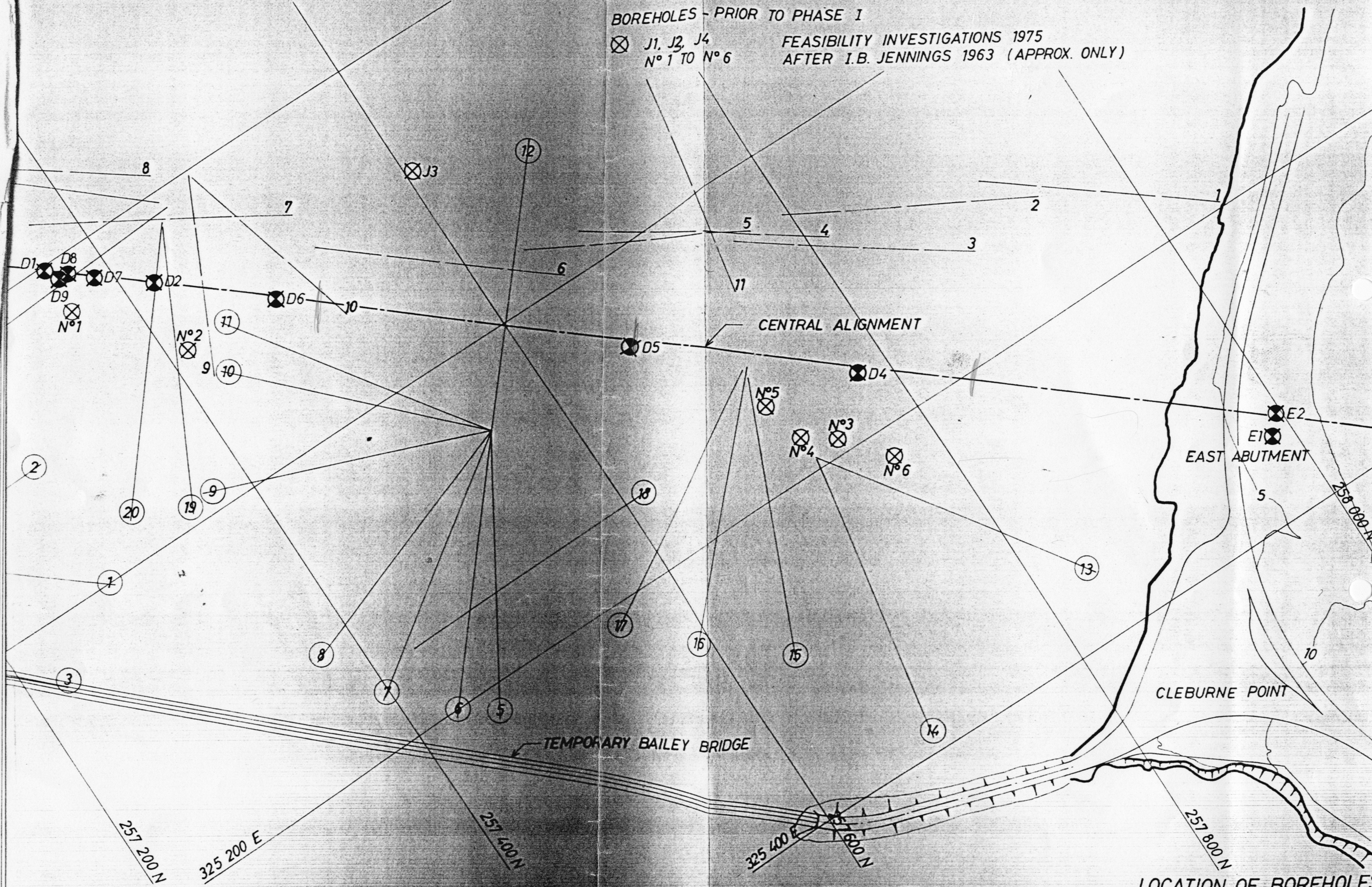
① TO ①① DEPARTMENT OF MINES REPORT 1975 / 39

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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BORE LOG RECORD

BOWEN BRIDGE

PROJECT		SECOND HOBART CROSSING PHASE 1 - SITE INVESTIGATION		BORE No.	D1
Bore co-ordinates: 324804E 257365N E=524760 N=5258950				FILE No.	01.0500
Surface R.L.: 0.00		Datum: State		Sheet no. 1 of 4	
Angle from horizontal: 90°		Direction: -			
Rig type: Mayhew 1000		Drill size: 6" Casing	Commenced: 30-3-76	Logged: T.S.	
Drilling by: Mines Dept.		Water level: River	Completed: 8-4-76	Checked: W.K.	

R.L.	Depth	Sample Core	SAMPLE TYPE	Description	Log	Additional Information
	2			WATER		
	4					
	6					
-7.0						River Bed
	8			very soft, dark grey		Insitu Vane Tests →
	10		D1/1	organic silty clay	D1/11	
	12					
	14		D1/2	ditto with some shells		
	16		D1/12			
	18		D1/3			
	20					

Units: S.I.

Symbols:  75mm U.D. Sample



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BORE LOG RECORD

PROJECT		SECOND HOBART CROSSING PHASE 1 - SITE INVESTIGATION		BORE No.		D1	
Bore co-ordinates: 324804 E 257365 N				FILE No. 01.0500			
Surface R.L.: 0.00		Datum: State		Sheet no. 2 of 4			
Angle from horizontal: 90°		Direction: -					
Rig type: Meyhew 1000		Drill size: 6" Casing		Commenced: 30.3.76		Logged: T.S.	
Drilling by: Mines Dept.		Water level: River		Completed: 8.4.76		Checked: W.K.	

R.L.	Depth	Sample Core	SAMPLE TYPE	Description	Log	Additional Information
			D1/13			
	22		D1/4	Very soft greenish - grey organic silty clay		
	24					
	26		D1/5	ditto		☐ D1/14
	28					Note: Samples D1/11 to D1/14 taken in a second hole within 3 m of D1 as coordinated
	30					
	32		D1/6	ditto with shells		
	33.0					Inferred level
	34					
	36		D1/7	Alternating layers of fine green sand, sandy peat & soft grey clay		
	38					
	40		D1/8	Soft grey silty clay with thin layers of sand and sandy peat		

Units: S.I.

Symbols:



75mm U.D. Sample




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BORE LOG RECORD

PROJECT			SECOND HOBART CROSSING PHASE 1 - SITE INVESTIGATION			BORE No.		D1				
Bore co-ordinates:			324804E 257365N			FILE No.		01.0500				
Surface R.L.:		0.00		Datum:		State						
Angle from horizontal:		90°		Direction:		-						
Rig type:		Meyhew 1000		Drill size:		6" Casing		Commenced:		30.3.76	Logged:	T.S.
Drilling by:		Mines Dept.		Water level:		River		Completed:		8.4.76	Checked:	W.K.

R.L.	Depth	Sample Core	SAMPLE TYPE	Description	Log	Additional Information
	42			Soft grey organic silty clay & some thin layers of fine sand		
-44.3	44		D1/9			
	46			Continued on Drill Log Record Sheet 4		

Units: S.I.

Symbols:  75mm U.D. Sample

