954081

BOREHOLE LOG SHEET

Client: KAISER ALUMINUM

Project: SILICA PROSPECT EL 43/70

Location: WYNYARD TASMANIA

HOLE No D.D.H 4

SHEET 1 OF 1

Position: REF. FIGURE 2 Surface Elevation: G.L.

Date Started: 1/6/81 Date Completed: 4/6/81 Logged By: R.J. CARR

Rig Type (Mounting): GEMCO (TRAILOR) Contractor: H.J. STACPOOL

Progress	Sample or Test	Depth (RL) metres	Strata	Description (moisture, colour, consistancy, structure, SOIL TYPE, origin)
				Wet, black, organic peaty TOPSOIL.
		1.4		Moist, white to black, loose cobbly, silty SAND (slope wash)
				SEE CORE LOG SHEET
		36.01		HOLE TERMINATED

5 cm

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Job No PXT 250

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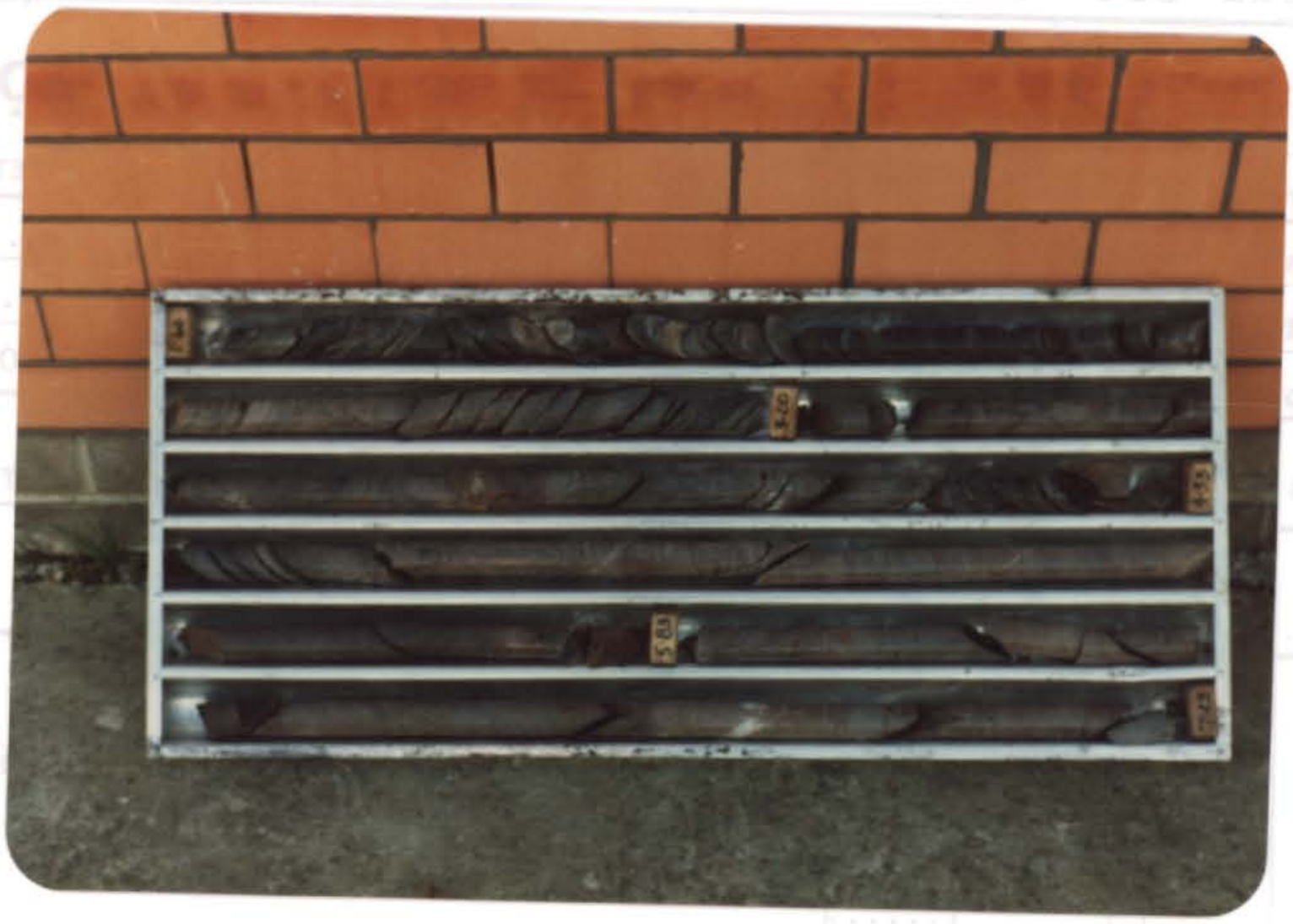

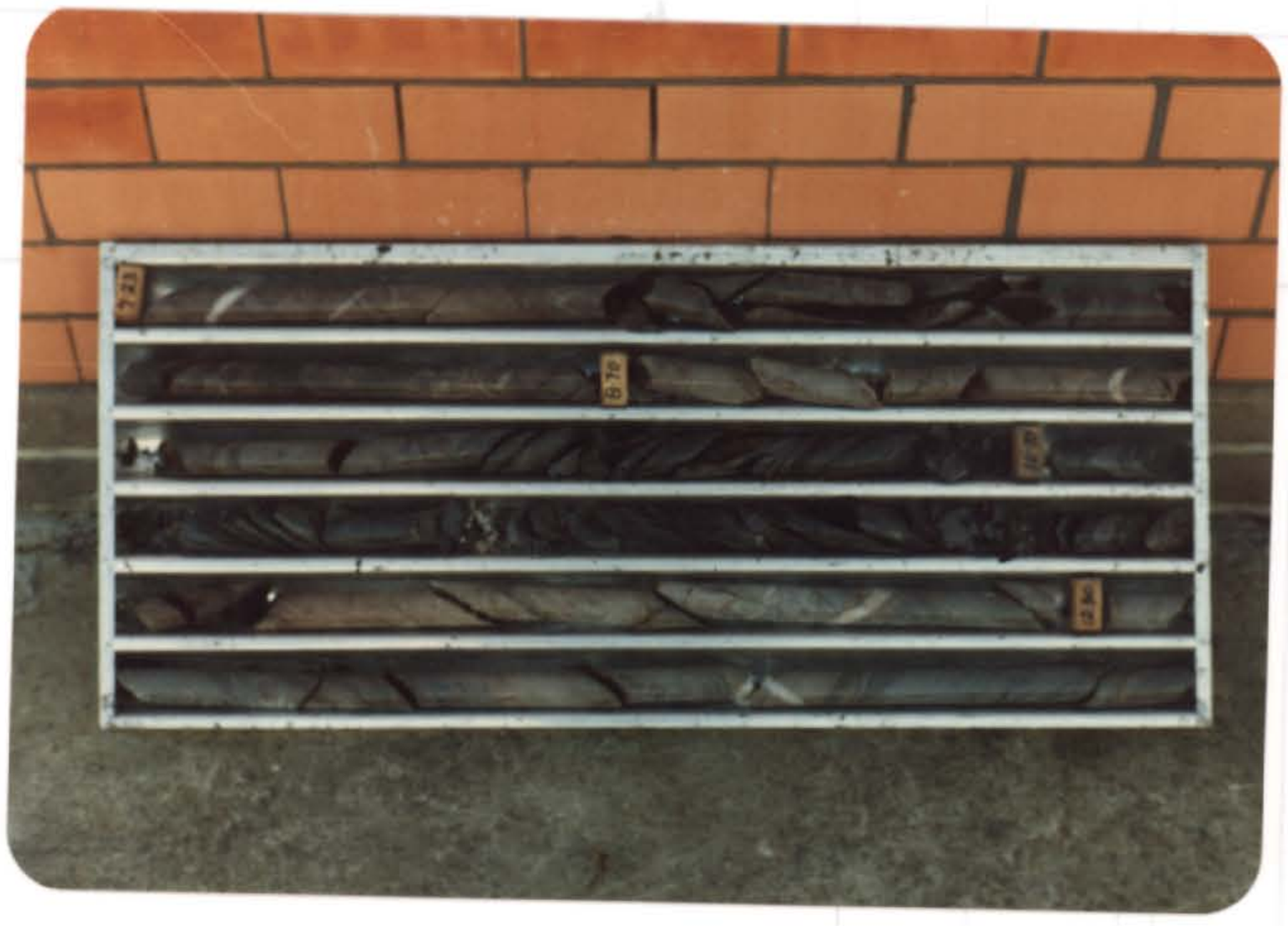

954083

CORE LOG SHEET

5 cm

Client: KAISER ALUMINUM

Project: SILICA PROSPECT EL 43/70

Location: WYNYARD TASMANIA

HOLE No DDH N°4

SHEET 1 OF 3

Position: REF. FIGURE 2 Surface Elevation: G.L. Angle from Horizontal:

Rig Type: GEMCO Mounting: TRAILOR Contractor: H.J. STACPOOL Driller: R. LETHBORG

Casing Diameter: NQ ROD Barrel (length): 1.955 Bit: IMPREGNATED Bit Condition Before: 3 USED After:

Date Started: 1/6/81 Date Completed: 6/6/81 Logged by: R.J. CARR Date Logged: 7/6/81

Progress: DRILLING/CASING	Progress: WATER	(Core loss/run %) DRILL DEPTH	SAMPLES/FIELD TESTS	DEPTH (RL) m	STRATA	DESCRIPTION: ROCK TYPE, Colour, Grain size, Structure (texture, mineral composition, hardness, alteration cementation, etc. as applicable)	Weathering: EW HW MW SW F	Strength Is (50) MPa: EW 0.03 VW 0.1 W 0.3 MS 1 S 3 VS 10 ES	NATURAL FRACTURES: Spacing (mm) 20 40 100 300 1000	VISUAL	ADDITIONAL DATA (joints, veins, seams, faults) Description, dip, smoothness, coating, other.
		0				SEE BOILS BORE LOG SHEETS					
		1.4		1.4							
		0		2.3		SCHIST, black and white, fine grained, very finely bedded.					Frequent bedding plane parting
		3.0				QUARTZITE, brown grey with occasional bands of interbedded schist (moderately silicified), finely bedded, medium to fine grained.					Bedding at 45° to Micaceous minerals abundant in bedding planes and matrix
		0									
		4.33									
		0				As above light brown, micaceous QUARTZITE, fine grained, highly silicious.					Frequent closed micro fractures and infilled bedding planes.
		5.83									
		0									
		7.23									
		0									Black Oxide coated fractures and near vertical joint.
		8.7									
		0		9.5							
		10.1				SCHIST, black and white, fine grained, very finely bedded.					Frequent bedding plane partings
		0		11.2							
		12.3				QUARTZITE, light grey, fine grained, highly silicified, micaceous matrix, finely bedded with some quartz veining.					Shistoze material occasionally forms 1mm beds in quartzite bedding planes Bedding plane fracture
		0									
		13.8									Near vertical joints
		0				As above, some brown staining from joint infill material.					
		15.2									

SCALE 0 10 20 Metres

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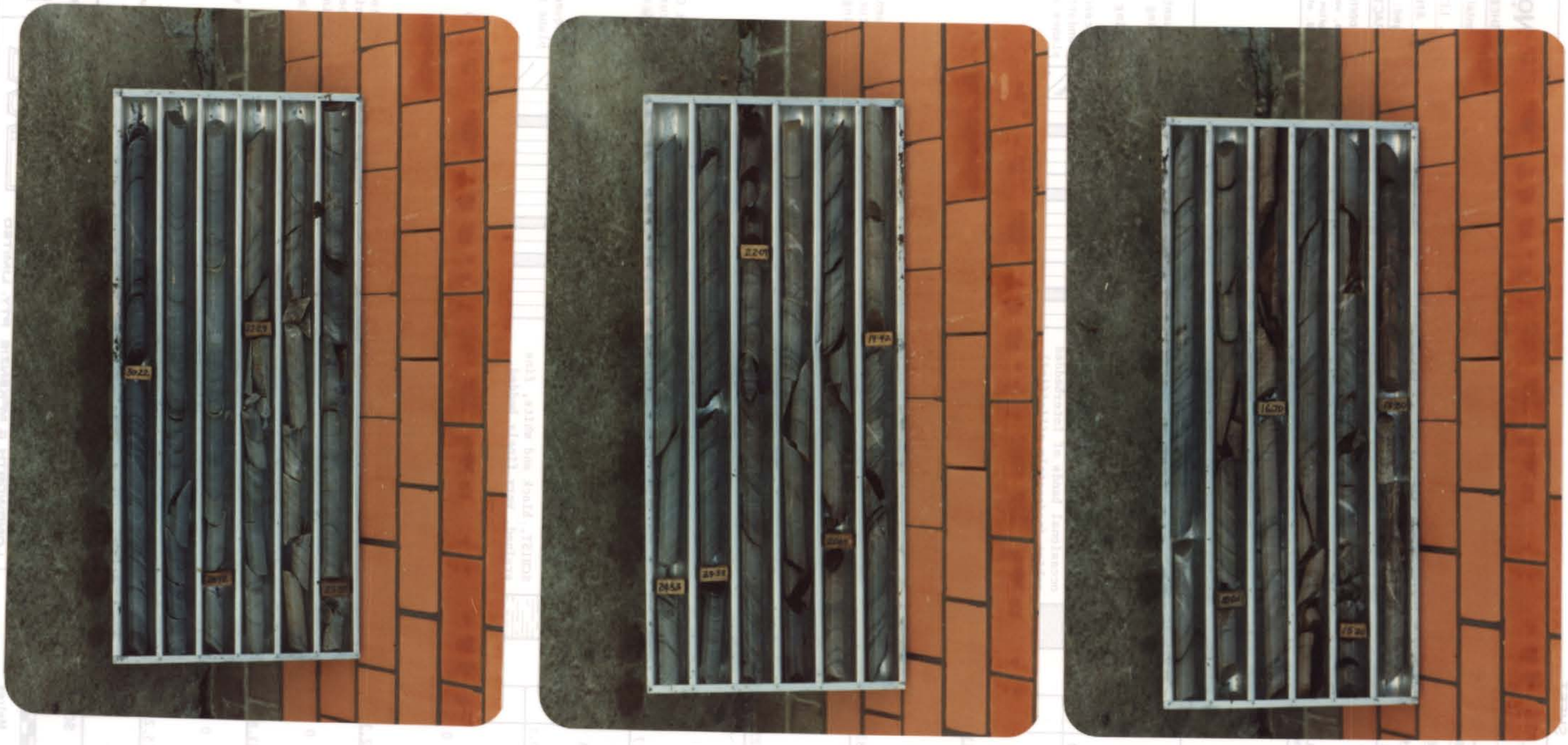

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954085

82

CORE LOG SHEET

5 cm

Client: KAISER ALUMINUM

Project: SILICA PROSPECT EL 43/70

HOLE NºDDH Nº4

Location: WYNYARD TASMANIA

SHEET 2 OF 3

Position: REF. FIGURE 2 Surface Elevation: G.L. Angle from Horizontal: 90°

Rig Type: GEMCO Mounting: TRAILOR Contractor: H.J. STACPOOL Driller: R. LETHBORG

Casing Diameter: NQ ROD Barrel [length]: 1.955 Bit: IMPREGNATED Bit Condition Before: 3 USED After:

Date Started: 1/6/81 Date Completed: 6/6/81 Logged by: R.J. CARR Date Logged: 7/6/81

Progress: DRILLING/CASING	WATER	(Core loss/run %) DRILL DEPTH	SAMPLES/FIELD TESTS	DEPTH (RL) m	STRATA	DESCRIPTION: ROCK TYPE, Colour, Grain size, Structure (texture, mineral composition, hardness, alteration cementation, etc. as applicable)	Weathering: EW HW MW SW FR	Strength Is (50) MPa: EW 0.03 VW 0.1 W MS 1 S 3 VS 10 ES	NATURAL FRACTURES: Spacing (mm) 20 60 100 300 1000	VISUAL	ADDITIONAL DATA (joints, veins, seams, faults) Description, dip, smoothness, coating, other.
		0									
		16.7				As above QUARTZITE with occasional shist bands and variable micaceous impurities in matrix					Joint, near vertical, black oxide coated
17		0									Joint, near vertical, black oxide coated
18		18.05									
		0									
19		19.42									
		0									
20		20.67									Joint and bedding planes coated with micaceous minerals
		0									
21		22.09									
		0									
22		23.59									Bedding plane fractures
		0		24.0							
23		24.53				QUARTZITE, fine grained, highly silicified, minimal clay in rock matrix, abundant micaceous minerals in the thinly bedded bedding planes, some thin black or yellow schist beds.					
		0									
24		25.83									Near vertical joint showing silica leaching around sand grains
		0									
25		27.29									As above
		0									
26		28.72									Bedding plane fractures
		0									
27		30.22									As above
		0									
28		30.82									
		0									
29		31.65									
30											
31											
32											

SCALE 0 10 20 Metres

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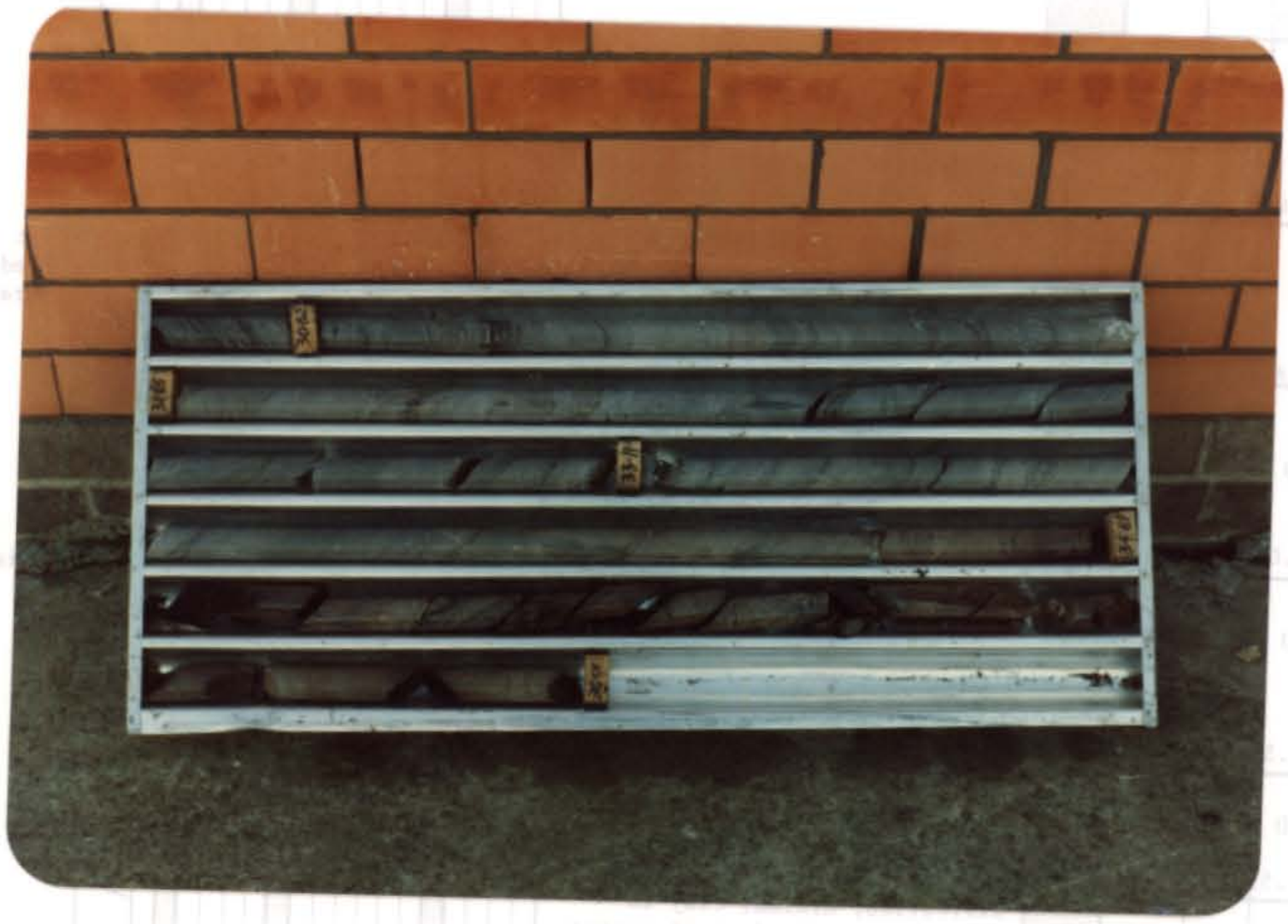

954087

CORE LOG SHEET

Client: KAISER ALUMINUM

Project: SILICA PROSPECT EL 43/70

Location: WYNYARD TASMANIA

HOLE NoQDH N°4

SHEET 3 OF 3

Position: REF. FIGURE 2 Surface Elevation: G.L. Angle from Horizontal: 90°

Rig Type: GEMCO Mounting: TRAILOR Contractor: H.J. STACPOOL Driller: R. LETHBORG

Casing Diameter: NQ ROD Barrel (length): 1.955 Bit: IMPREGNATED Bit Condition Before: 3 USED After:

Date Started: 1/6/81 Date Completed: 6/6/81 Logged by: R.J. CARR Date Logged: 7/6/81

Progress: DRILLING/CASING	Progress: WATER	(Core loss/run %) DRILL DEPTH	SAMPLES/FIELD TESTS	DEPTH (RL) m	STRATA	DESCRIPTION: ROCK TYPE, Colour, Grain size, Structure (texture, mineral composition, hardness, alteration cementation, etc. as applicable)	Weathering: EW HW MW SW F	Strength Is (50) MPa: EW 0.03 VW 0.1 W 0.3 MS 1 S 3 VS 10 ES	NATURAL FRACTURES: Spacing (mm) 20 60 200 600 2000	VISUAL	ADDITIONAL DATA (joints, veins, seams, faults) Description, dip, smoothness, coating, other.
		33.11				As above					
				34.35							
		34.61				QUARTZITE, brown, fine to medium grained, silicified, micaceous matrix, clay and oxide filled bedding and joint planes.					Near vertical joint infilled with black oxide
		36.01				HOLE TERMINATED					Near vertical joint

5 cm

SCALE 0 10 20 Metres

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