EL 20/70

Drift Face area

Tonganah.

Ballarat Clay Pty Ltd.

81-1524

81-1524

20/70

002002

Received 24/1/80

NORTH FORESTER BORES

NOS. 49 to 60 - I97I "Proline" Open Flight Auger
I to 8 - I979 5 inch Churn Drill

Bore No. 49 - I97I

0 - 0.9	Soil	
0.9 - I.8	Coloured Clay	
I.8 - 3.6	Coloured Clay with some granite saprolite	
3.6 -II.0	Cream fine grained saprolite	Br. 72 Y.36.8%
II.0 -I3.7	White saprolite	Br. 83 Y.28.4%

Bore No. 50 - I97I

0 - 0.9	Soil	
0.9 - I.8	Gravel	
I.8 - 3.6	Brown clay	
3.6 - 7.3	Fine Drift or saprolite	
7.3 - I3.7	White saprolite	Br. 82.0 Y.26.0%

Bore No. 5I - I97I

0 - I.8	Gravel	
I.8 - 3.6	Saprolite or Drift	
3.6 - 6.4	Brownish saprolite	
6.4 - 9.I	Cream saprolite	Br. 83.5 Y.38.2%
9.I - I3.7	White saprolite	Br. 82.0 Y.28.5%

Bore No. 52 - I97I

0 - 0.3	Soil	
0.3 - I.2	Gravel	
I.2 - 3.0	Brown saprolite	
3.0 - I2.8	Light brown saprolite	Br. 82.0 Y.3I.5% Selected Sample

Bore No. 53 - I97I

0 - 0.9	Clay	
0.9 - 2.7	Brown saprolite	
2.7 - I3.7	White to cream saprolite.	Upper Br. 8I.5 Y.2I.9% Lower Br. 8I.0 Y.I6.9%

Bore No. 54 - I97I

0 - 0.3	Soil	
0.3 - 2.7	Saprolite or Drift	
2.7 - 7.3	White saprolite	Br. 79.0 Y.28.6%
7.3 - I2.8	White saprolite, very wet	
I2.8 -	? hard bottom	

...2

Bore No. 55 - I97I

0	- 0.9	Gravel	
0.9	- 3.7	Brown clay	
3,7	- 7.3	Brown saprolite	
7.3	- I3.7	Saprolite, brown tinge	Br. 79.0 Y.23.6%

Bore No. 56 - I97I

0	- I.8	Gravel	
I.8	- 4.6	Clay and saprolite	
4.6	- I4.0	Cream saprolite	Br. 76.0 Y.26.2%

Bore No. 57 - I97I

0	- 0.9	Gravel	
0.9	- I.8	Clay	
I.8	- 5.5	Brown saprolite	
5.5	- 8.2	Light brown saprolite	
8.2	- I3.7	White to cream saprolite	Br. 82.0 Y.30.I% From near bottom

Bore No. 58 - I97I

0	- I.8	Gravel	
I.8	- 5.5	Drift	
5.5	- 8.2	Cream saprolite	
8.2	- I3.7	Cream saprolite, white at bottom, in part coloured. No sample	

Bore No. 59 - I97I

0	- I.8	Gravel	
I.8	- 3.7	Drift	
3.7	- 9.I	Light brown Drift or saprolite	
9.I	- I3.7	Cream saprolite, whiter at bottom,	Br. 75.0 Y.I9.9%

Bore No. 60 - I97I

0	- 0.9	Gravel	
0.9	- I3.7	Brown Drift or saprolite	

Bore No. I - I979

0	- I.5	Sand and hard pan	
I.5	- 4.6	Yellow and brown Drift	
4.6	- 6.I	White saprolite, flecks of brown	Br.75.0 Y.38.3%
6.I	- 7.6	White saprolite, good body	Br.78.0 Y.32.5%
7.6	- 9.I	" " " "	Br.77.0 Y.34.I%
9.I	- IO.7	Yellowish saprolite	Br.77.0 Y.3I.9%
IO.7	- I2.2	Yellowish saprolite, lower yield	Br.75.5 Y.26.3%

12 .2	- I3.7	Faint green saprolite,yield decreasing
I3.7	- I5.2	Green increasing,yield decreasing

Bore No.2 - I979

O	- I.5	Sand and hardpan
I.5	- 6.I	Yellow and white Drift
6.I	- 7.6	White saprolite, wet
7.6	- 9.I	Green and white saprolite
9/I	- IO.7	Green saprolite, becoming hard

Bore No. 3 - I979

O	- 3.0	Soil and fine gravel, some hard pan	
3.0	- 4.6	White saprolite, some iron stain	Br. 73.0 Y.29.3%
4.6	- 6.I	White saprolite	Br. 76.0 Y.26.I%
6.I	- 7.6	" "	Br. 78.0 Y.24.7%
7.6	- 9.I	" " ,wet,large quartz	Br. 80.0 Y.I9.7%
9.I	- IO.7	" " " " "	Br. 79.5 Y.I6.7%
IO.7	- I2.2	" " " " "	Br. 77.0 Y. I7.4%
I2.2	- I3.7	Core very wet, brown to green tinge	

Bore No. 4 - I979

O	- I.8	Some gravel then yellow Drift
I.8	- 3.0	Putty coloured saprolite
3.0	- 4.6	Saprolite with pink and brown patches
4.6	- 6.I	Saprolite with pink sugary felspar
6.I	- 7.6	Saprolite with pink and orange felspars
7.6	- 9.I	Saprolite, coloured sugary felspars increasing

Bore No. 5 - I979

O	- 6.I	Brown granite Drift

Bore No. 6 - I979

O	- 7.6	Coloured granite Drift showing partial kaoliniz--ation

Bore No. 7 - I979

O	- 7.6	Yellow to brown granite Drift

Bore No.8 - I979

O	- 6.7	Yellow, brown and red granite Drift

A.P.P.M. LTD. TONGANAH CLAY PROJECT

002005

003

DRILLING REPORT

AREA STRONACH

BORE No. 5 DATE 27/5/'77

LEASE No. E.L. 20/70

CO-ORDS. SEE SKETCH M-B103

DRILL CHURN

CO-ORD. DATUM

DIAMETER 5"

R.L. DATUM

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
0	3.0		SANDY YELLOW DRIFT	-	-	
3.0	-		HARD GRANITE	-	-	

81-1524

A.P.P.M. LTD. TONGANAH CLAY PROJECT

002006 004

DRILLING REPORT

AREA STRONACH

LEASE No. E.L. 20/70

DRILL CHURN

DIAMETER 5"

BORE No. 4 DATE 26/5/'77

CO-ORDS. SEE SKETCH M-B103

CO-ORD. DATUM

R.L. DATUM

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
0	1.5		SANDY YELLOW DRIFT	-	-	
1.5	3.0		" " "	-	-	
3.0	6.0		" " "	-	-	
6.0	8.0		GREY DRIFT	-	-	
8.0	11.5		YELLOW DRIFT	-	-	
11.5	15.0		YELLOW & BROWN DRIFT	-	-	

81-1524

A.P.P.M. LTD. TONGANAH CLAY PROJECT

002007 005

DRILLING REPORT

AREA STRONACH

LEASE No. E.L. 20/70

DRILL CHURN

DIAMETER 5"

BORE No. 3 DATE 26/5/'77

CO-ORDS. SEE SKETCH M-B103

CO-ORD. DATUM

R.L. DATUM

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
0	7.5		BROWN SANDY DRIFT	-	-	
7.5	9.0		WHITE SAP. FROM BOULDER	-	-	
9.0	10.5		LIGHT BROWN KAOLINIZED DRIFT	-	-	
10.5	12.0		CREAM KAOLINIZED DRIFT	-	-	
12.0	13.5		CREAM KAOLINIZED DRIFT with ORANGE FLECKS.	-	-	
13.5	15.0		CREAM KAOLINIZED DRIFT PASSING TO CREAM SAPROLITE	-	-	
15.0	16.5		CREAM SAP. WITH GRITTY FELSPARS, FAINT PINKS AND GREENS.			

81-1524

A.P.P.M. LTD. TONGANAH CLAY PROJECT

002008

003

DRILLING REPORT

AREA STRONACH

BORE No. 2 DATE 25/5/'77

LEASE No. E.L.20/70

CO-ORDS. SEE SKETCH M-B103

DRILL CHURN

CO-ORD. DATUM

DIAMETER 5"

R.L. DATUM

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT		COMMENT
				% < 12	% > 75	Brightness	
0 M	1.5		BROWN DRIFT	-	-	-	
1.5	3.0		LIGHT BROWN SAPROLITE	-	-	-	
3.0	4.5		WHITE TO FAINT GREEN SAPROLITE, FEW LIGHT BROWN PATCHES.	29.3		76.0	
4.5	6.0		WHITE SAPROLITE, WITH FEW LIGHT BROWN PATCHES.	29.8		76.0	
6.0	7.5		VERY WHITE SAPROLITE	25.6		79.0	
7.5	9.0		LOWER YIELD, SOME ORANGE STAINS AND GRITTY FELSPARS.	22.9		77.0	
9.0	10.5		FEW YELLOW STAINS	21.5		77.0	
10.5	12.0		FAINT GREEN TINT, GRITTY FELSPARS	21.8		72.0	
12.0	13.5		GREEN FROM BIOTITE, INCREASING GRITTY FELSPARS.	-	-	-	
13.5	15.0		SIMILAR, GREEN BIOTITE AT BASE	-	-	-	

81-1524

002009

007

A.P.P.M. LTD. TONGANAH CLAY PROJECT

DRILLING REPORT

AREA STRONACH

LEASE No. E.L. 20/70

DRILL CHURN

DIAMETER 5"

BORE No. 1 DATE 25/5/'77

CO-ORDS. SEE SKETCH M-B103

CO-ORD. DATUM

R.L. DATUM

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT		COMMENT
				% < 12	% > 75	Brightness	
0 M	1.50		STAINED TO WHITE SAPROLITE	-	-	-	
1.5	3.0		GOOD WHITE SAPROLITE	29.3		78.0	
3.0	4.5		GOOD WHITE SAPROLITE	30.2		77.0	
4.5	6.0		SOME BROWN COLOUR, TRACES OF GRITTY FELSPAR.	28.4		77.5	
6.0	7.5		GREEN TINGE, SOME GRITTY FELSPAR	27.7		76.5	
7.5	8.5		GREEN AND RUST STAINED	-	-	-	
8.5	10.0		GREEN TO RUST, GRITTY FELSPARS	-	-	-	
			DARK GREEN AT BASE	-	-	-	

81-1524

002010 008

A.P.P.M. LTD. TONGANAH CLAY PROJECT

DRILLING REPORT

AREA DRIFT FACE

LEASE No. E.L. 20/70

DRILL Gemco

DIAMETER 4"

BORE No. 19/80 DATE 28 – 3 – 80

CO-ORDS. About 80M. at 13° from track crossing over old tail race

CO-ORD. DATUM

R.L. DATUM

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
0	1.5		Grey sandy gravel			
1.5	3.0	poor	Brown do			
3.0	4.6		Brown then cream gritty clay			
4.6	6.1	very	Very wet			
6.1	10.6		? light brown sap, drys white			
10.6	15.2		do but better consistency	ONE SAMPLE	26.9 %Cl2 75.0 BRIGHTNESS	All sap was coated with brown mud from heavy water at 4 to 6 M. Sample from bottom
						Two augers to be
						cleaned. Sap could
						be white below 6'1

81-1524

002011 009

A.P.P.M. LTD. TONGANAH CLAY PROJECT

DRILLING REPORT

AREA DRIFT FACE

LEASE No. E.L. 20/70

DRILL Gemco

DIAMETER 4"

BORE No. 20/80 DATE 31 - 3 - 80

CO-ORDS. 66 M. at 86° from 19/80

CO-ORD. DATUM

R.L. DATUM

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
0	1.5		Yellow soil & gravel			
1.5	3.0		Cream gravelly clay			
3.0	4.6		Near white clay with fine grit			
4.6	7.6		Very wet			
7.6	15.2		Consistency improving, white or light brown saprolite			Probably similar to 19/80, white sap. with some limonite stain on bottom auger

81-1524

002012 010

A.P.P.M. LTD. TONGANAH CLAY PROJECT

DRILLING REPORT

AREA DRIFT FACE

LEASE No. E.L. 20/70

DRILL Gemco

DIAMETER 4"

BORE No. 21/80 DATE 31 - 3 - 80

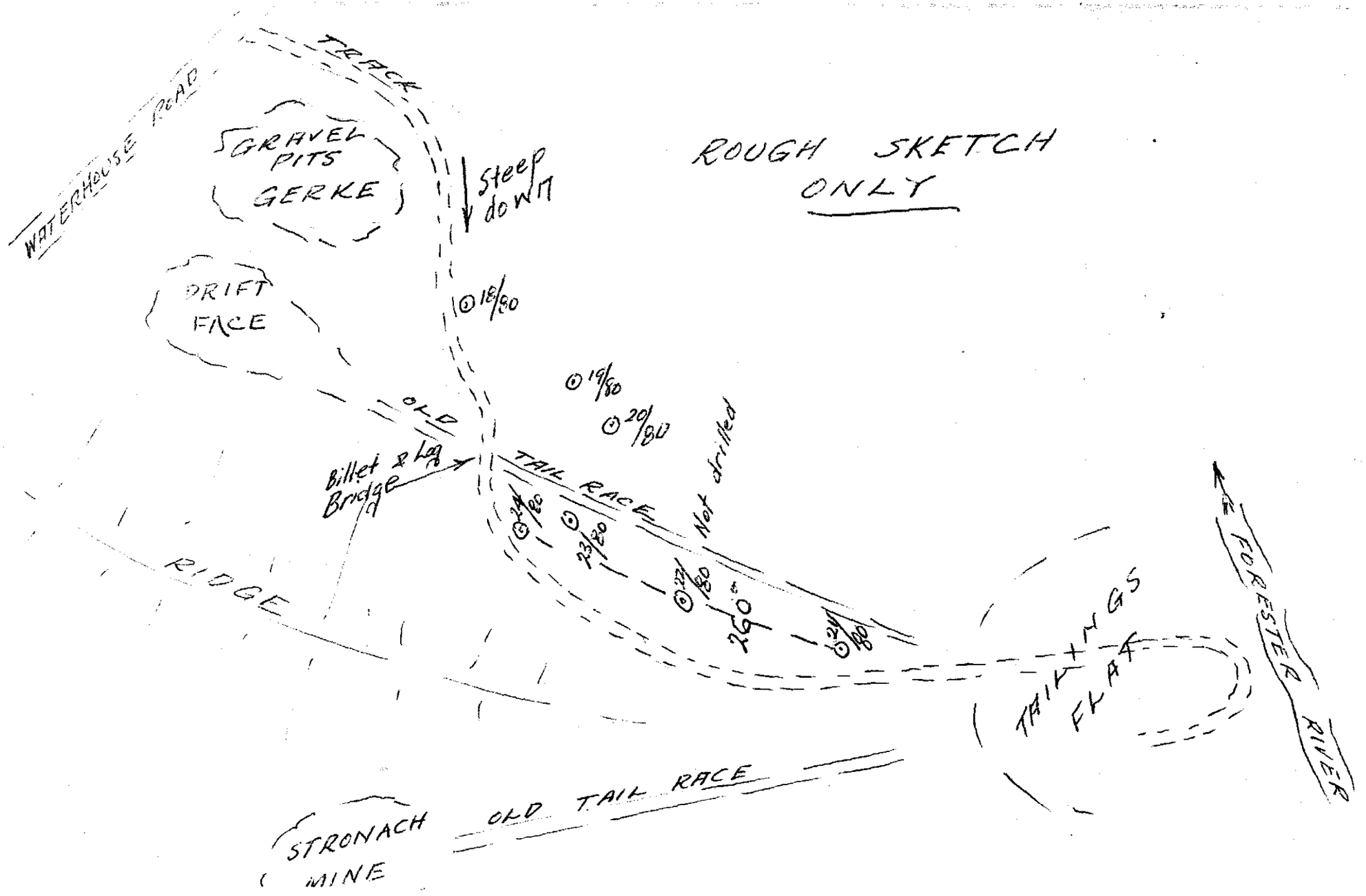
CO-ORDS. See sketch on reverse

CO-ORD. DATUM

R.L. DATUM

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
0	1.5		Yellowish soil + gravel			
1.5	3.0		Off-white clayey gravel			
3.0	4.6	100%	Off-white fine-grained sap			
4.6	6.1		Very wet			
6.1	18.3		Wet, nearly white probable sap	Upper 10.7 to 16.7	19.7 %<12 μ 70.0 BRIGHTNESS	
				Lower Bottom Auger	19.9 %<12 μ 75.0 BRIGHTNESS	White in bottom

81-1524


ROUGH SKETCH ONLY
TRACK
WATERHOUSE ROAD
GRAVEL PITS GERKE
Steep down
DRIFT FACE
18/80
19/80
20/80
OLD
Billet & Log Bridge
TAIL RACE
Not drilled
24/80
23/80
27/80
24/80
260°
RIDGE
TAILINGS FLAT
FORESTER RIVER
STRONACH MINE
OLD TAIL RACE

A.P.P.M. LTD. TONGANAH CLAY PROJECT

012

DRILLING REPORT

AREA DRIFT FACE

LEASE No. E.L. 20/70

DRILL Gemco

DIAMETER 4"

BORE No. 23/80 DATE 1-4-80

CO-ORDS. See sketch on reverse

CO-ORD. DATUM

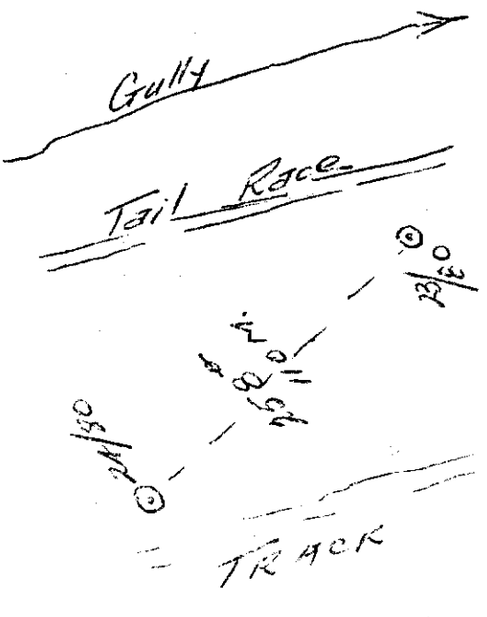
R.L. DATUM

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
0	1.5		Soil			
1.5	3.0		Gravel			
3.0	6.1		Wet grey gravel			
6.1	9.1		Probable Gr. saprolite, cream			
9.1	12.2		do., better colour			
12.2	15.2		do., going green			No sample
						Hard bottom

0020114

81-1524

013



002016

014

20/70

A.P.P.M. LTD. TONGANAH CLAY PROJECT

DRILLING REPORT

AREA DRIFT FACE

LEASE No. EL 20/70

DRILL Gemco

DIAMETER 4"

BORE No 24/80 DATE 1-4-80

CO-ORDS. About 110M. @ 258° from 24/80
About 150M. @ 132° from tail race bridge

CO-ORD. DATUM

R.L. DATUM

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
0	1.5		Yellow-brown soil			
1.5	3.0	100%	Off white clayey soil			
3.0	6.1		?G. saprolite, off-white, fine grained	Sample Upper	29.6 % <12 W 75.5 BRIGHTNESS	
6.1	18.3		Normal G. sap., rather wet	Sample lower	28.9 % <12 W 70.0 BRIGHTNESS	Brown stains on bit

81-1524

002017

015

A.P.P.M. LTD. TONGANAH CLAY PROJECT

DRILLING REPORT

AREA N. TONGANAH

LEASE No. Alexanders

DRILL Gemco

DIAMETER 4"

BORE No. 636B DATE 20-3-80

CO-ORDS. 64005 300 W

CO-ORD. DATUM N.T. GRID

R.L. ..... DATUM .....

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
0	1.5		Brown gravelly soil			
1.5	4.6		Brown clay & gravel			
4.6	7.6	Variable	Probable stained sap.			
7.6	12.2		G. saprolite, cream			
12.2	18.3		do., white	ONE SAMPLE	34.1 % L12W 79.0 BRIGHTNESS	Good consistency White in bottom

81-1524

002018

016

A.P.P.M. LTD. TONGANAH CLAY PROJECT

DRILLING REPORT

AREA N TONGANAH

LEASE No. Alexanders

DRILL Gemco

DIAMETER 4"

BORE No. 636D DATE 20-3-80

CO-ORDS. 6400 S 500 W

CO-ORD. DATUM N.T. GRID

R.L. ..... DATUM .....

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
0	4.6		Brown clay and gravel			
4.6	7.6	Variable	Grey & brown clayey drift			
7.6	9.1		G. saprolite, brown			
9.1	12.2		do. , colour improving			
12.2	18.3		do. , white	one sample	26.8 % L12 W 74.0 BRIGHTNESS	Good in bottom

81-1524

002019

017

A.P.P.M. LTD. TONGANAH CLAY PROJECT

DRILLING REPORT

AREA N. TONGANAH

LEASE No. Alexander's

DRILL Gemco

DIAMETER 4"

BORE No. 631 D DATE 20 - 3 - 80

CO-ORDS. 58005 300 W

CO-ORD. DATUM N.Z.T. Grid

R.L. ..... DATUM .....

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
0	4·6		Brown gravelly clay			
4·6	7·6	Variable	Brown clay or saprolite			
7·6	18·3	Var.	G. saprolite, white	Upper	27·5 % <12 u 76·0 BRIGHTNESS	
				Lower	28·4 % <12 76·5 BRIGHTNESS	White in bottom

81-1524

002020

018

A.P.P.M. LTD. TONGANAH CLAY PROJECT

DRILLING REPORT

AREA N. TONGANAH

LEASE No. ~~Hercanders~~ 38M/76

DRILL Gemco

DIAMETER 4"

BORE No. 333 B DATE 19 - 3 - 80

CO-ORDS. 5600S 100E

CO-ORD. DATUM N.T. GRID

R.L. ..... DATUM .....

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
0	9.1	Variable	Clay & dirty saprolite			
9.1	4.6		G saprolite, stained			
4.6	16.7		do , white	Upper	30.5 % <12u 70.0 BRIGHTNESS	
16.7	18.3		do , pale green	Lower	29.1 % <12 u 73.0 BRIGHTNESS	Pale green in bottom

81-1524

002021

019

A.P.P.M. LTD. TONGANAH CLAY PROJECT

DRILLING REPORT

AREA N. TONGANAH

LEASE No. Alexanders

DRILL Gemco

DIAMETER 4"

BORE No. 628B DATE 19-3-80

CO-ORDS. 5400N 100W

CO-ORD. DATUM N.T. GRID

R.L. ..... DATUM .....

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
0	2.4		Soil & brown gravel			
2.4	3.0	1/3	G. saprolite, stained			
3.0	10.6	1/3	do, white	Upper	36.2 %<12 u 76.0 Brightness	
10.6	18.3	1/3	do. white	Lower	31.6 %<12 u 78.0 Brightness	White in bottom

81-1524

002022

020

A.P.P.M. LTD. TONGANAH CLAY PROJECT

DRILLING REPORT

AREA N. TONGANAH BORE No. 628 D DATE 19 - 3 - 80

LEASE No. Alexanders CO-ORDS. 5400 N 300 W

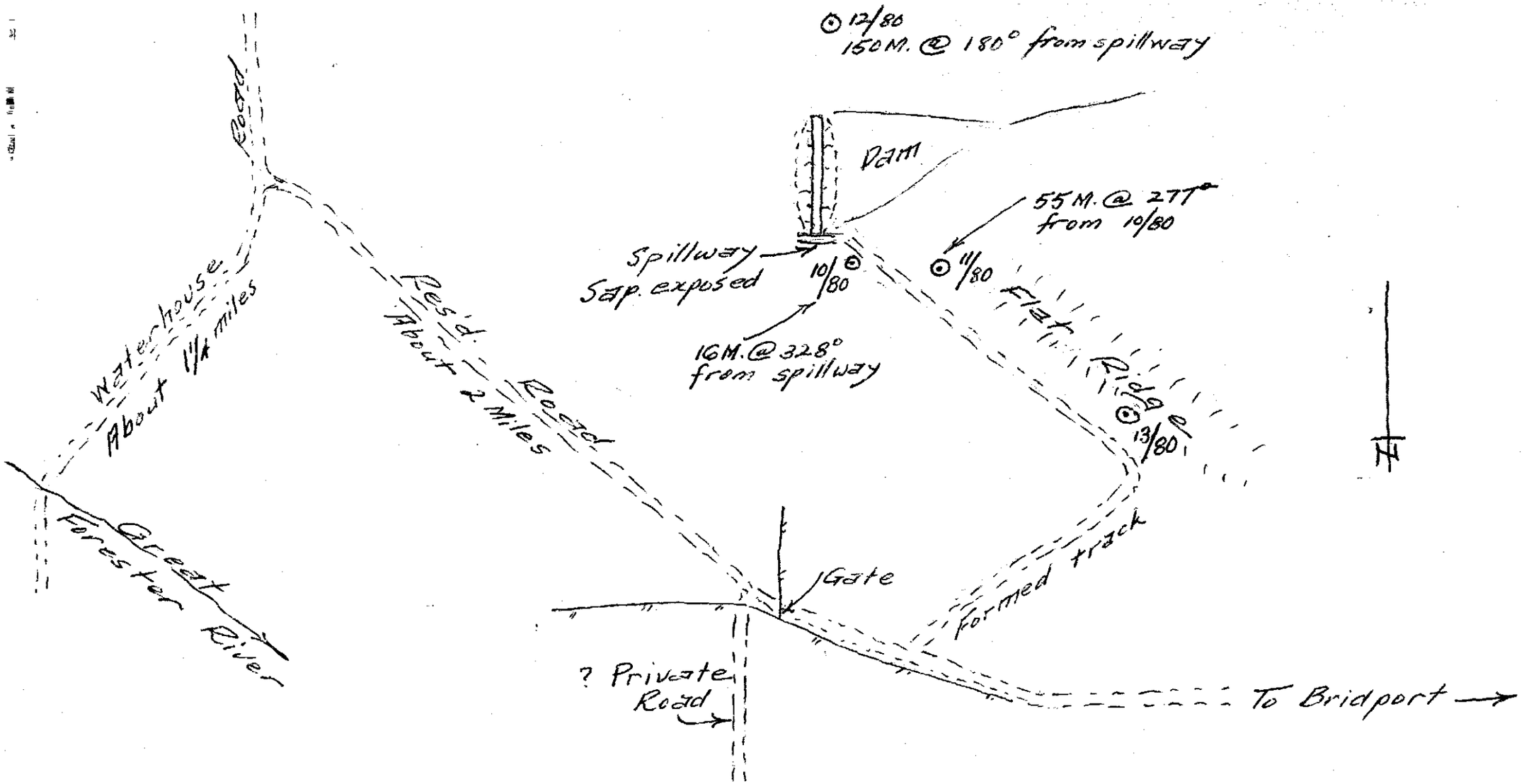
DRILL Gemco CO-ORD. DATUM N.T. GRID

DIAMETER 4" R.L. ..... DATUM .....

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
0	3.6	Sample	Soil & brown gravel			
3.6	15.2	1 Sample	G. saprolite generally white	Upper	24.0 % < 12 v 75.0 Brightness	
15.2	18.3	1 Sample	do. pale green to green	Lower	25.2 % < 12 v 71.0 Brightness	Green in bottom

81-1524

002023 023



81-1524

024

A.P.P.M. LTD. TONGANAH CLAY PROJECT

DRILLING REPORT

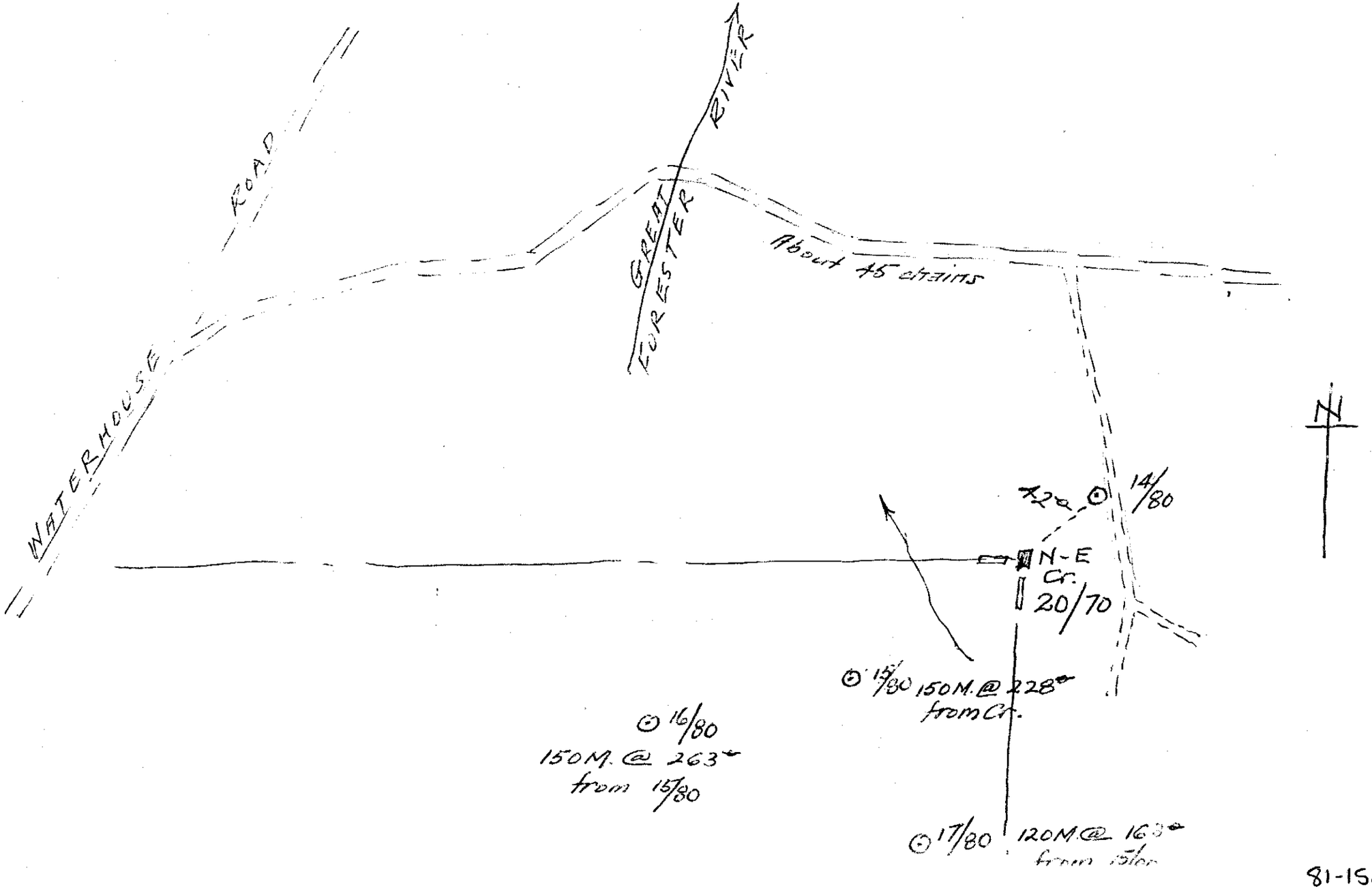
AREA B.J. Macreaddie — BORE Nos. 10 to 13/80 DATE 24-3-80

LEASE No. "Barnbougle" Bridport — CO-ORDS. See diagram on back

DRILL Gemco — CO-ORD. DATUM

DIAMETER 4" — R.L. DATUM

	DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
10/80	0	4.6		Brown gravelly soil & drift			
	4.6	7.6		Very wet			
	7.6	12.2		Pale fawn to grey saprolite – fine grained – drys white.			No sample
11/80	0	1.5		Brown gravelly soil			
	1.5	3.0		Brown clay & black hardpan			
	3.0	4.6		Very wet			
	4.6	10.7		Light brown fine grained saprolite, whitens on exposure.			No sample
2/80	0	1.5		Grey gravel			
	1.5	3.0		Yellow gravel & clay			
	3.0	4.6		Grey brown gravel & clay			
	4.6	6.1		Probable dirty saprolite			
	6.1	7.6		Off-white saprolite	Upper	70 25.4%	Contaminated sample
	7.6	9.1					
	9.1	10.7		Off-white saprolite	Lower	72 11.2%	do. do.
3/80	0	1.5		Grey soil & gravel			
	1.5	4.6		Brown & yellow clay & gravel			
	4.6	10.7		Light brown saprolite – almost white on bit			No. sample


WATERHOUSE ROAD
GREAT LORESTER RIVER
About 45 chains
N
14/80
N-E Cr.
20/70
15/80 150M. @ 228° from Cr.
16/80 150M. @ 263° from 15/80
17/80 120M. @ 163° from 15/80

81-1524

002026

022

A.P.P.M. LTD. TONGANAH CLAY PROJECT

DRILLING REPORT

AREA N-E Cr. EL. 20/70 BORE No. 11 to 17/80 DATE 25 - 3 - 80

LEASE No. CO-ORDS. SEE DIAGRAM ON BACK.

DRILL Gemco CO-ORD. DATUM

DIAMETER 4" R.L. DATUM

	DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
11/80	0	3.0		Soil, Clay & Gravel			
	3.0	6.1		Grey-brown clay with w.w. gravel			No sample
	6.1	7.6		Brown Fe. stained clay with fine grit			
15/80	0	3.0		Light brown clayey soil and gravel			No sample
	3.0	4.6		Pale yellow fine grained saprolite			
	4.6	9.1		Cream to yellow saprolite			
16/80	0	1.5		Soil and gravel			No sample
	1.5	4.6		Brown clay with gravel			
	4.6	7.6		Greenish fine grained saprolite			
17/80	0	4.6		Brown clay with fine gravel			No sample
	4.6	7.6		Green to brown fine grained saprolite with secondary mica			

Received 20/6/80

025

A.P.P.M. LTD. TONGANAH CLAY PROJECT

DRILLING REPORT

2170

AREA DRIFT FACE

LEASE No. E.L. 20/70

DRILL Gemco

DIAMETER 4"

BORE No. 18/80 DATE 28 - 3 - 80

CO-ORDS. North side of track, not surveyed

CO-ORD. DATUM

R.L. DATUM

DEPTH — M FROM	TO	CORE RECOVERY	DESCRIPTION	SAMPLE No.	ASSAY RESULT	COMMENT
0	1.5		Tailings gravel			
1.5	3.0		Gravel & dark clay			
3.0	4.6	1/3	Dark clay with gravel			
4.6	5.2		Dark clay with heavy wash			Very hard bottom, no penetration, probably hardpan

002027

81-1524

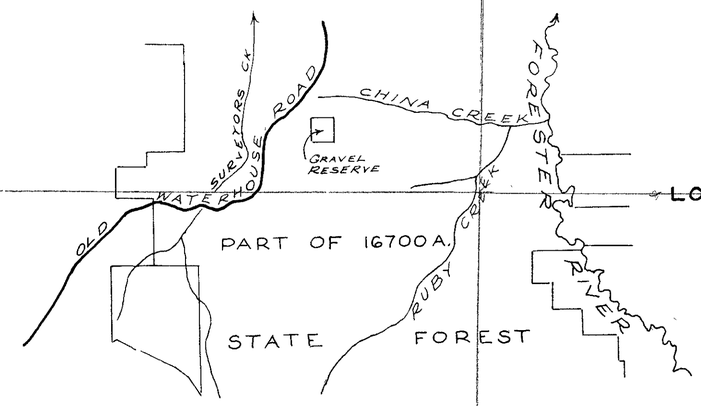
20/70

SD 1524

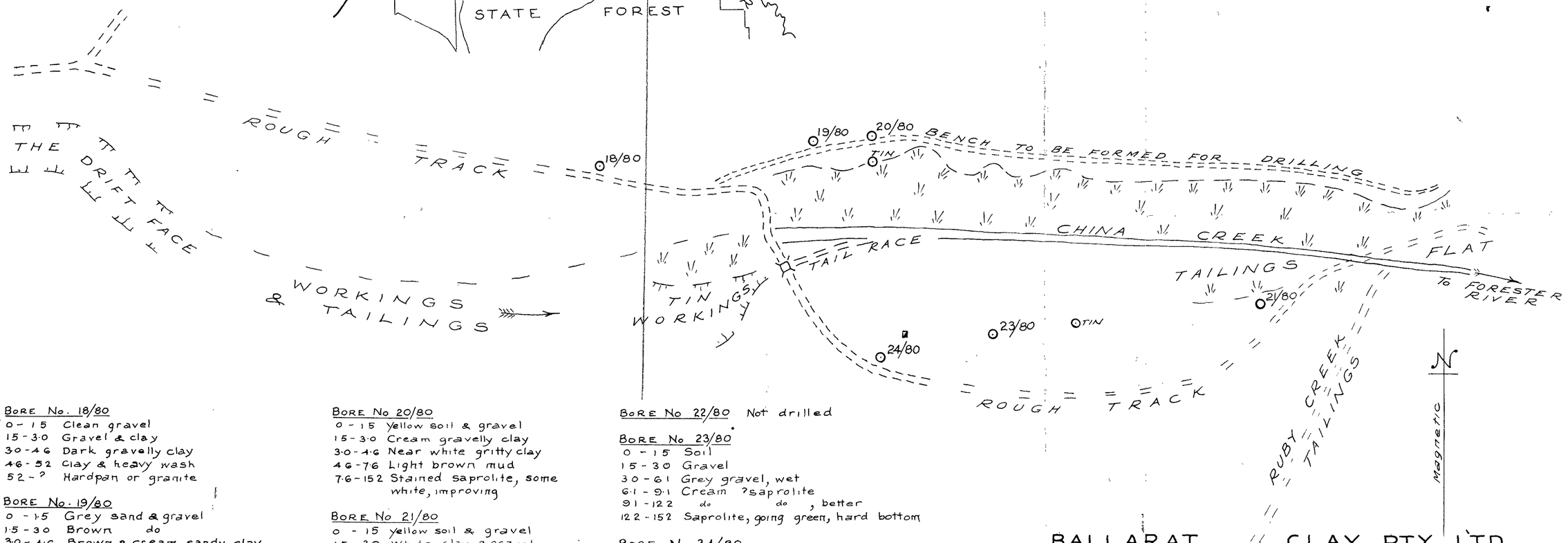
Received 8/12/80

550 000

5448000



LOCALITY PLAN
1 INCH = 40 CH.



BORE No. 18/80
0 - 1·5 Clean gravel
1·5 - 3·0 Gravel & clay
3·0 - 4·6 Dark gravelly clay
4·6 - 5·2 Clay & heavy wash
5·2 - ? Hardpan or granite

BORE No. 19/80
0 - 1·5 Grey sand & gravel
1·5 - 3·0 Brown do
3·0 - 4·6 Brown & cream sandy clay
4·6 - 5·2 Brown sand & mud, very wet
5·2 - 10·7 Light brown saprolite, drys white
10·7 - 15·2 do. do. , more solid
Sample - mud coated Br 7·5 y 2·5·9 Bore could be white below 6m

BORE No 20/80
0 - 1·5 Yellow soil & gravel
1·5 - 3·0 Cream gravelly clay
3·0 - 4·6 Near white gritty clay
4·6 - 7·6 Light brown mud
7·6 - 15·2 Stained saprolite, some white, improving

BORE No 21/80
0 - 1·5 Yellow soil & gravel
1·5 - 3·0 White clay & gravel
3·0 - 4·6 Off-white ? aplite saprolite
4·6 - 6·1 do do , very wet
6·1 - 18·3 do ? granite saprolite

Sample - very wet from bit, Br 7·5 Y 1·9·9

BORE No 22/80 Not drilled

BORE No 23/80
0 - 1·5 Soil
1·5 - 3·0 Gravel
3·0 - 6·1 Grey gravel, wet
6·1 - 9·1 Cream ? saprolite
9·1 - 12·2 do do , better
12·2 - 15·2 Saprolite, going green, hard bottom

BORE No 24/80
0 - 1·5 Yellow & brown soil
1·5 - 3·0 White sand & clay
3·0 - 6·1 Off-white ? aplite saprolite
6·1 - 18·3 White granite saprolite, very wet brown in bottom
Sample - Upper Br 7·5 5 Y 2·9·6
Lower 7·0·0 2·8·9

5 cm

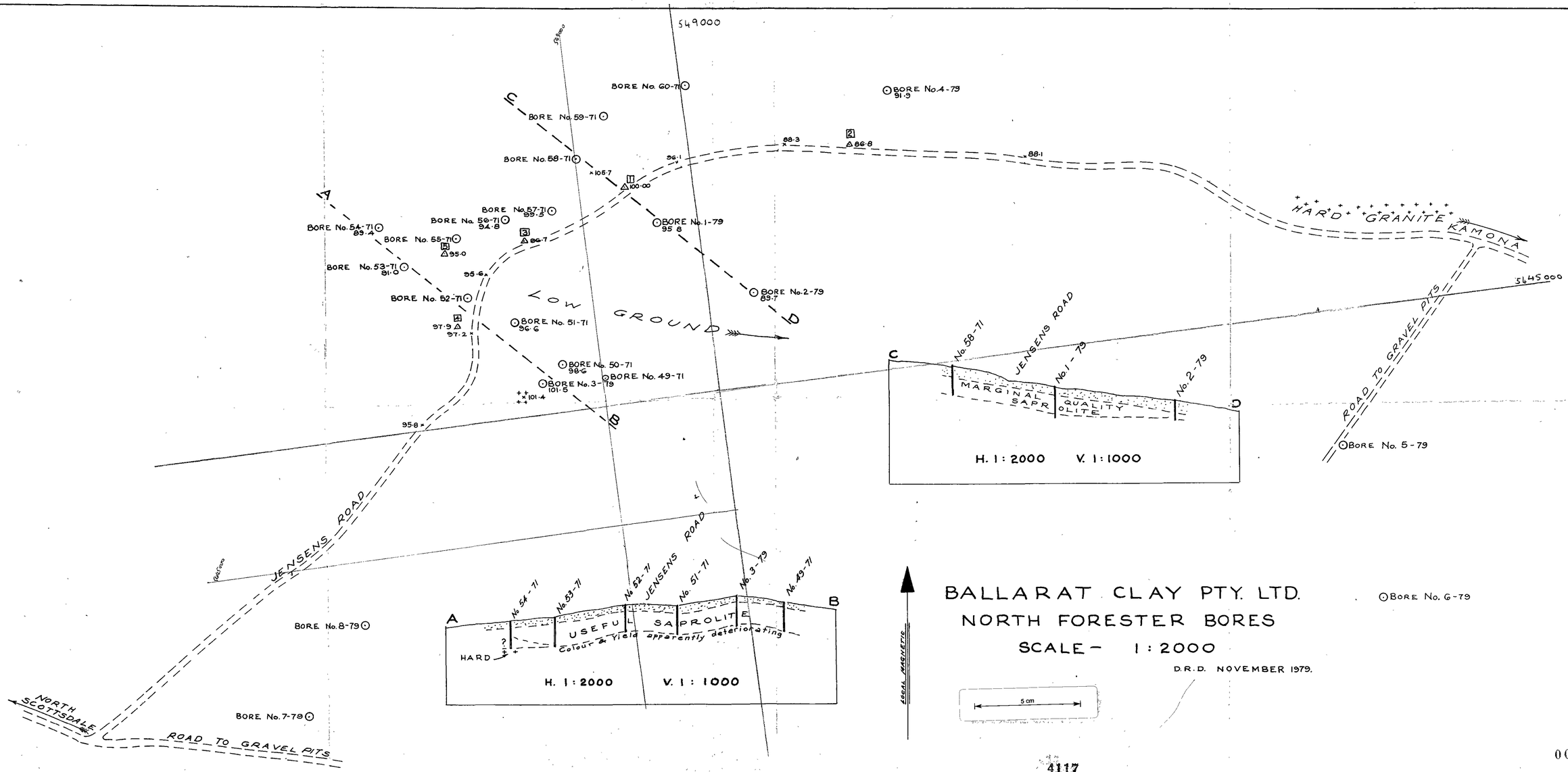
BALLARAT CLAY PTY. LTD.
DRIFT FACE AREA
BORES & PROPOSED BENCH
1 : 2500

DRD Nov 1980

002028

4116

81-1524



BALLARAT CLAY PTY. LTD.

NORTH FORESTER BORES

SCALE - 1 : 2000

D.R.D. NOVEMBER 1979.

4117

002029

81-1524

BALLARAT CLAY Pty. Ltd.
ALEXANDERS AREA
NORTH TONGANAH

DR D. APRIL 1980

PLAN - 1 : 1000

800W 600W 400W 200W 000 200E 400E

4600S 5441500
4800S
5000S 5441400
5200S
5400S 5441300
5600S
5800S 5441200
6000S 5441100
6200S
6400S 5441000
6600S 5440900
6800S

NT 281 NT 318 NT G24 NT G25 NT G26 NT 280A NT 280D NT 280 NT 280B NT 332 NT 280C NT G27 NT G28D NT G28 NT G28B NT G29 NT G39 NT G40 NT G43 NT 333 NT 333B NT 336 NT G30 NT G31D NT G31 NT G32 NT 334 NT G41 NT 335 NT G33 NT G34 NT G35 Not Drilled NT 336D NT 336 NT 336B NT G37 NT G38 NT G42

547 541 540 546 542 544 543 549 550

LOT 32015
LOT 32014
38M/76
CALCULATION
RESERVE
P & M
MINING LEASE BOUNDARY
ADOPTED FOR BOUNDARY
CORNER PEG
LEASE NORTH 24° 35'
GRID NORTH

5490000 5489000 5488000

CASED BORES
OPEN FLIGHT BORES

4115

SECTIONS 1 : 500

E. TO W. SCALE 1 : 1000
N. TO S. NOT TO SCALE

5 cm

002030

20/70

81-15214

NT 281: 79 11.4% Green
NT 318: GREEN
NT G24: Green & White / Green
NT G25: 79 18% Pale Green
NT 626: Green & Brown
NT 280A: Stained 77·3 22·4% / off-White / Pale Green
NT 280D: White / Low Br / Pale Green
NT 280: 80·7 21·4% Pale Green
NT 280B: 76·3 35·6% Cream / Pale Green
NT 332: 77·1 21·0% Green
NT 280C: 81·0 25·4% Low yield / Pale Green
NT G27: Grey & Brown
NT G28D: 76·5 27·8% Pale Green / Green
NT G28: Stained 82·5 18·5% Pale Green
NT G28B: Stained 73·5 30·6% White
NT 629: DRIFT 84·0 20·5% / 80·5 17·4% Pale Green
NT G39: Green
NT G40: Green & White
NT G43: Light Brown 73 13% Pale Green
NT 333: 82·2 25·7% Pale Green
NT 333B: Stained 71·5 29·8% Pale Green
NT 336: DRIFT ? 77·0 17·2% Pale Green
NT G30: 78·8 15% Green
NT G31D: Brown 76·2 27·7% White
NT G31: 82·7 18·2% Pale Green
NT G32: DRIFT 81·0 27% / 79·5 18·3% Green
NT G41: 80·4 17·5% Yellow & White
NT 334: 83·4 13·1% Green & White
NT 335: 81·0 13·8%
NT G33: 80·2 14·9% Stained Green
NT G34: 83·2 16·9% Pale Green
NT 336D: 74 26·8% White
NT 336: 83·1 20·6% White
NT 336B: 79 34·1% White
NT 337: DRIFT 83·5 18·0% / 80·0 15·8% White
NT G38: 82·1 18·8% Yellow & White
NT G42: DRIFT 81·0 22% / 79·5 15·5% Yellow & White