









**APPENDIX - A**  
**Soil Profiles**

PROJECT: PAULPUTS SUBSTATION  
Transmission Group Consultant  
GEOTECHNICAL SERVICES

LEGEND  
Sheet 1 of 1

JOB NUMBER: GR- 15/99

	GRAVEL	{SA02}
	SAND	{SA04}
	SANDY	{SA05}
	SILTY	{SA07}
	CLAYEY	{SA09}
	GRANITE	{SA17}{SA44}
	HARDPAN CALCRETE	{SA26}{SA29}
	DISTURBED SAMPLE	{SA38}

CONTRACTOR :  
MACHINE :  
DRILLED BY :  
PROFILED BY :

INCLINATION :  
DIAM :  
DATE :  
DATE :

ELEVATION :  
X-COORD :  
Y-COORD :

TYPE SET BY :  
SETUP FILE : STANDARD.SET

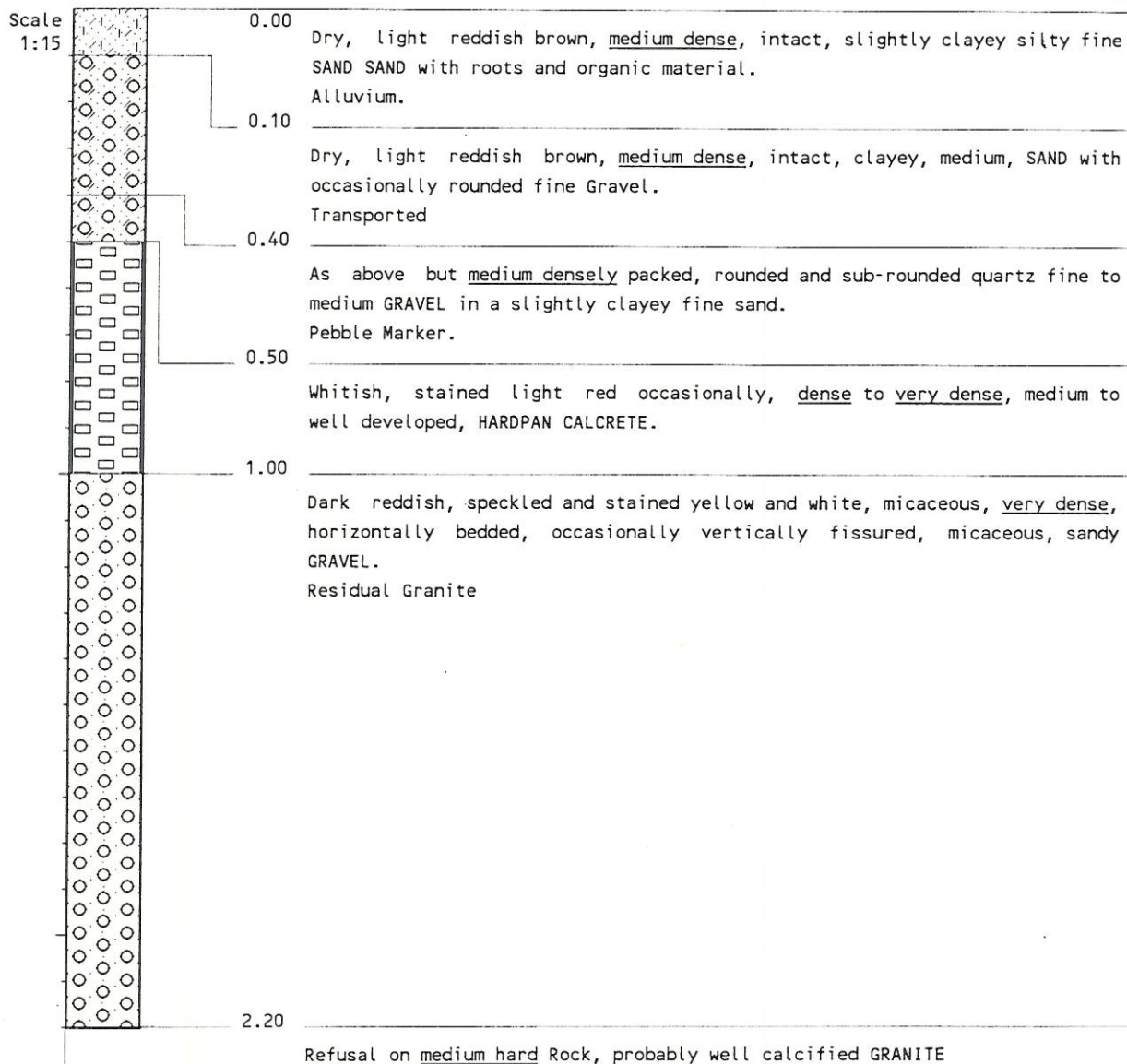
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LEGEND  
SUMMARY OF SYMBOLS

PROJECT: PAULPUTS SUBSTATION  
Transmission Group Consultant  
GEOTECHNICAL SERVICES

HOLE No: TP-1  
Sheet 1 of 1

JOB NUMBER: GR- 15/99



CONTRACTOR : CA Bruwer  
MACHINE : Sumitomo LS 4300-F2  
DRILLED BY :  
PROFIED BY : F A Grové  
TYPE SET BY :  
SETUP FILE : STANDARD.SET

INCLINATION : VERTICAL  
DIAM : Trench Pit  
DATE : 25/08/99  
DATE : 25/08/99  
DATE : 16/02/00 13:38  
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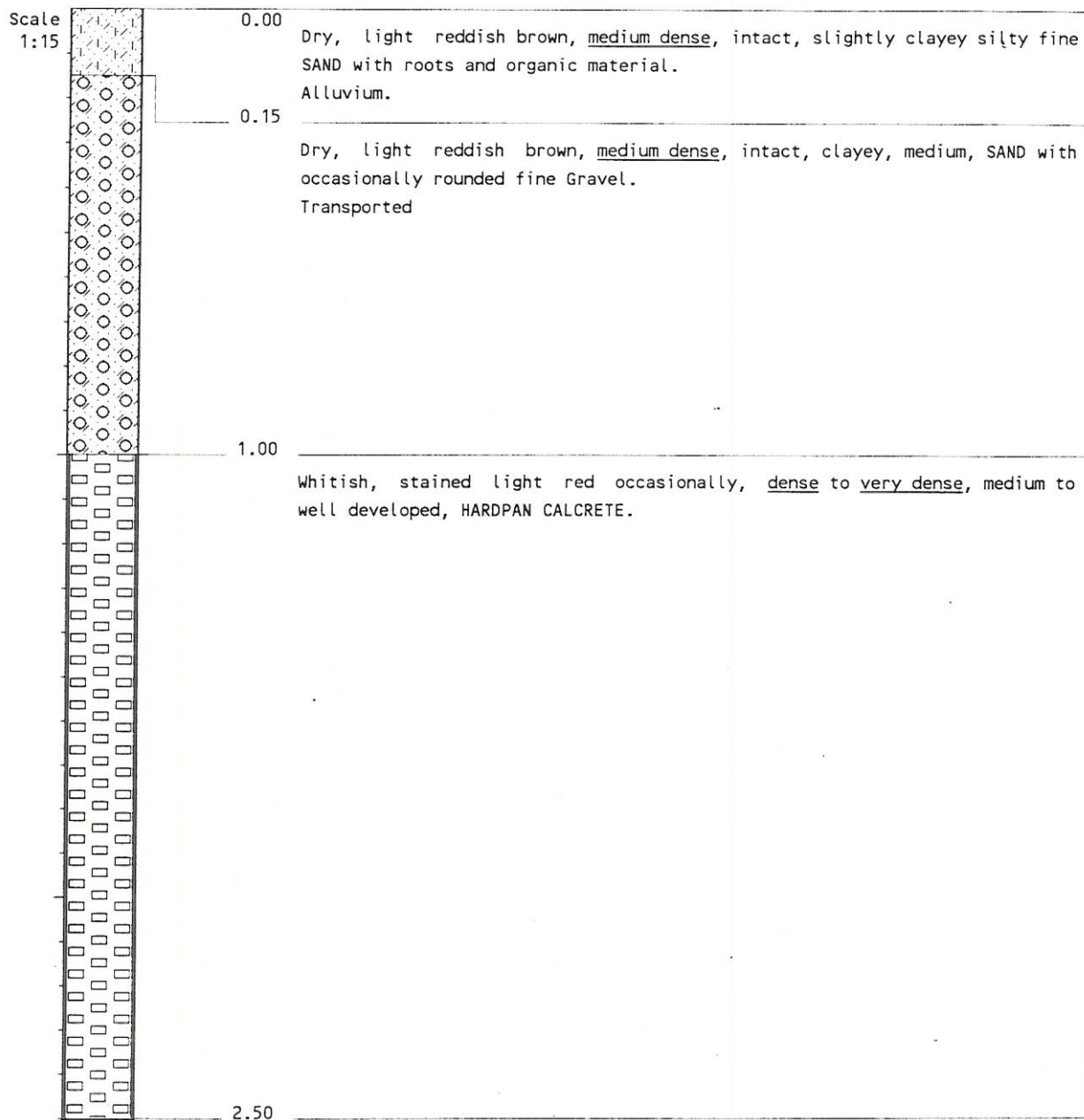
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X-COORD :  
Y-COORD :

HOLE No: TP-1

PROJECT: PAULPUTS SUBSTATION  
Transmission Group Consultant  
GEOTECHNICAL SERVICES

HOLE No: TP-2  
Sheet 1 of 1

JOB NUMBER: GR- 15/99



NOTES:

- 1) Slow penetration at bottom

CONTRACTOR : CA Bruwer  
MACHINE : Sumitomo LS 4300-F2  
DRILLED BY :  
PROFIED BY : F A Grové  
TYPE SET BY :  
SETUP FILE : STANDARD.SET

INCLINATION : VERTICAL  
DIAM : Trench Pit  
DATE : 25/08/99  
DATE : 25/08/99  
DATE : 16/02/00 13:39  
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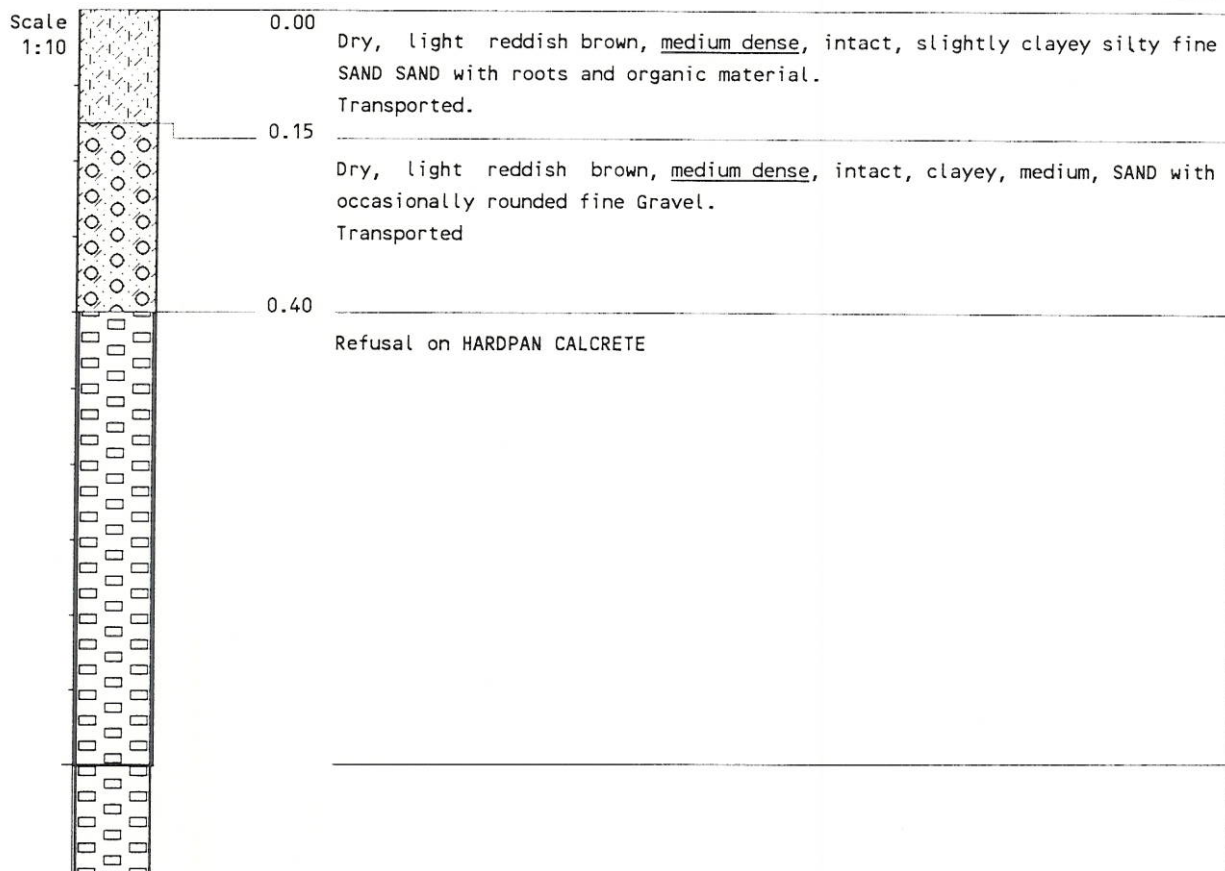
ELEVATION :  
X-COORD :  
Y-COORD :

HOLE No: TP-2

PROJECT: PAULPUTS SUBSTATION  
Transmission Group Consultant  
GEOTECHNICAL SERVICES

HOLE No: TP-3  
Sheet 1 of 1

JOB NUMBER: GR- 15/99



CONTRACTOR : CA Bruwer  
MACHINE : Sumitomo LS 4300-F2  
DRILLED BY :  
PROFIED BY : F A Grové  
TYPE SET BY :  
SETUP FILE : STANDARD.SET

INCLINATION : VERTICAL  
DIAM : Trench Pit  
DATE : 25/08/99  
DATE : 25/08/99  
DATE : 16/02/00 13:39  
TEXT : B:\PP-2TPPF.TXT

ELEVATION :  
X-COORD :  
Y-COORD :

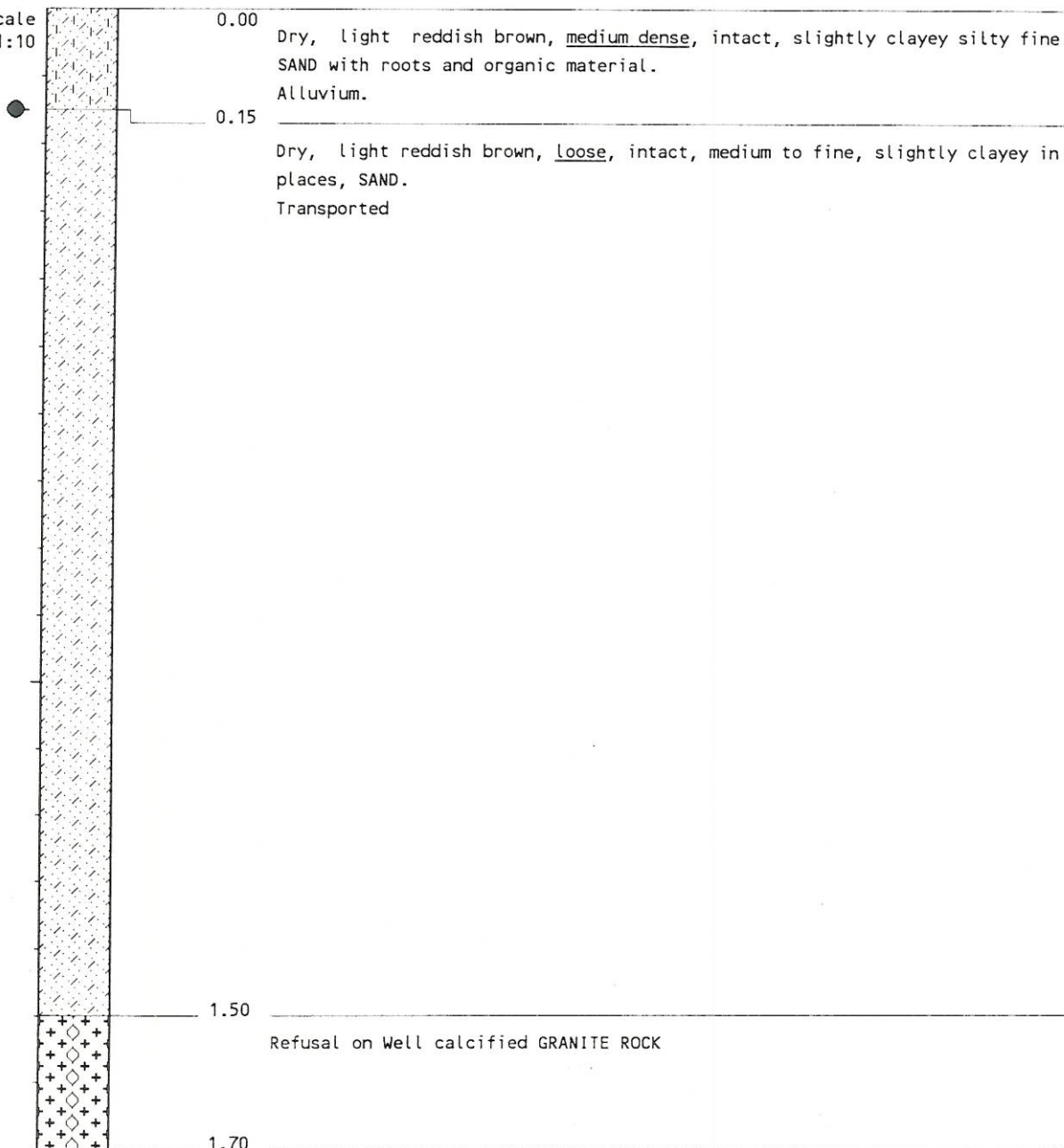
HOLE No: TP-3

PROJECT: PAULPUTS SUBSTATION  
Transmission Group Consultant  
GEOTECHNICAL SERVICES

HOLE No: TP-4  
Sheet 1 of 1

JOB NUMBER: GR- 15/99

Scale  
1:10



NOTES:

1) Sample taken at 0,15-1,5m

CONTRACTOR : CA Bruwer  
MACHINE : Sumitomo LS 4300-F2  
DRILLED BY :  
PROFIED BY : F A Grové  
TYPE SET BY :  
SETUP FILE : STANDARD.SET

INCLINATION : VERTICAL  
DIAM : Trench Pit  
DATE : 25/08/99  
DATE : 25/08/99  
DATE : 16/02/00 13:39  
TEXT : B:\PP-2TPPF.TXT

ELEVATION :  
X-COORD :  
Y-COORD :

HOLE No: TP-4

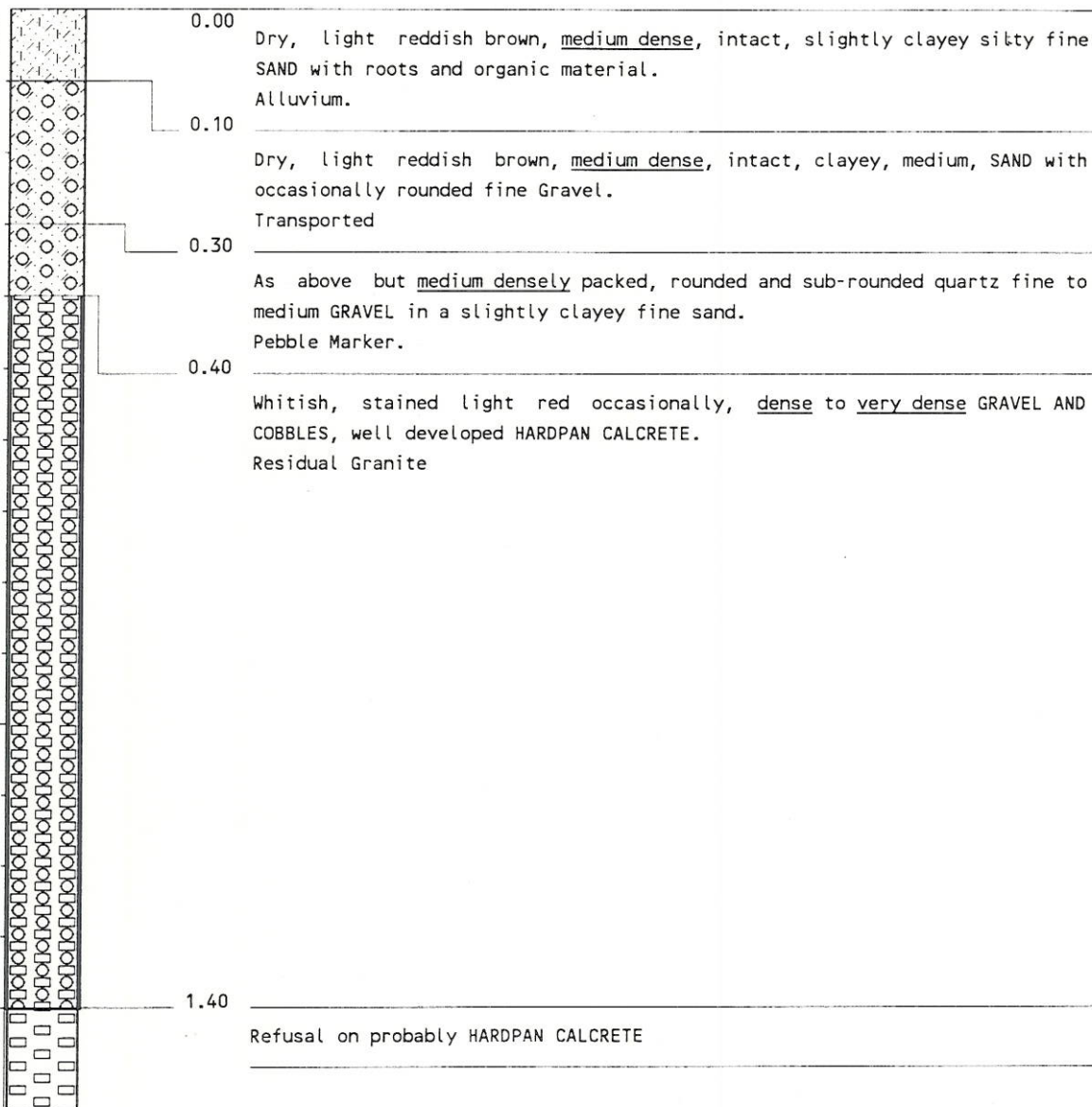


PROJECT: PAULPUTS SUBSTATION  
Transmission Group Consultant  
GEOTECHNICAL SERVICES

HOLE No: TP-5  
Sheet 1 of 1

JOB NUMBER: GR- 15/99

Scale  
1:10



CONTRACTOR : CA Bruwer  
MACHINE : Sumitomo LS 4300-F2  
DRILLED BY :  
PROFIED BY : F A Grové  
TYPE SET BY :  
SETUP FILE : STANDARD.SET

INCLINATION : VERTICAL  
DIAM : Trench Pit  
DATE : 25/08/99  
DATE : 25/08/99  
DATE : 16/02/00 13:39  
TEXT : B:\PP-2TPPF.TXT

ELEVATION :  
X-COORD :  
Y-COORD :

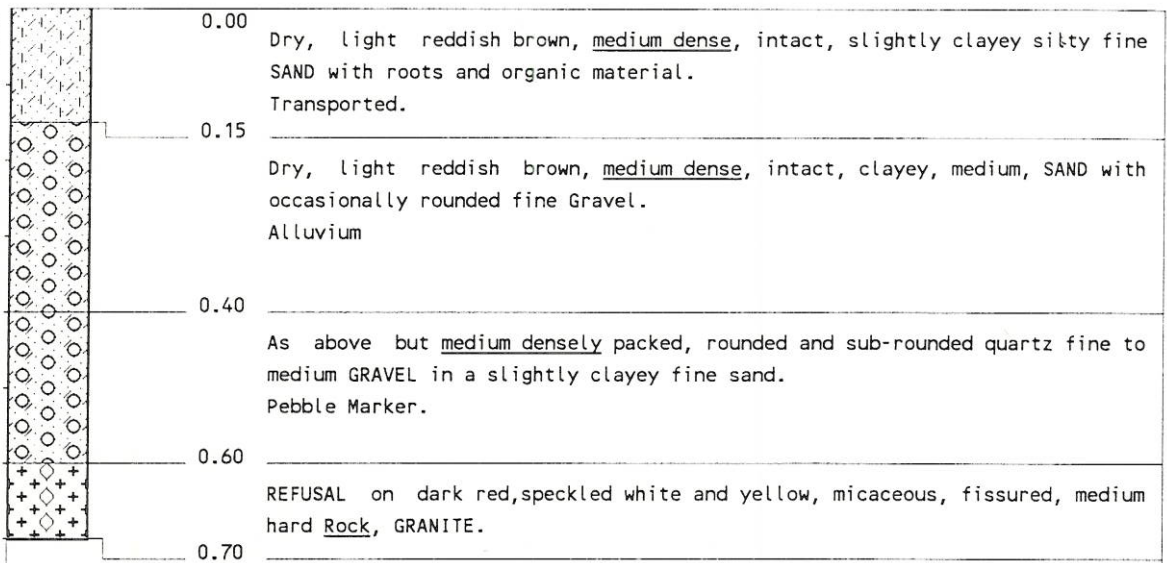
HOLE No: TP-5

PROJECT: PAULPUTS SUBSTATION  
Transmission Group Consultant  
GEOTECHNICAL SERVICES

HOLE No: TP-6  
Sheet 1 of 1

JOB NUMBER: GR- 15/99

Scale  
1:10



NOTES:

- 1) Rock excavate in blocks

CONTRACTOR : CA Bruwer  
MACHINE : Sumitomo LS 4300-F2  
DRILLED BY :  
PROFILED BY : F A Grové  
TYPE SET BY :  
SETUP FILE : STANDARD.SET

INCLINATION : VERTICAL  
DIAM : Trench Pit  
DATE : 25/08/99  
DATE : 25/08/99  
DATE : 16/02/00 13:39  
TEXT : B:\PP-2TPPF.TXT

ELEVATION :  
X-COORD :  
Y-COORD :

HOLE No: TP-6



PROJECT: PAULPUTS SUBSTATION  
Transmission Group Consultant  
GEOTECHNICAL SERVICES

HOLE No: TP-7  
Sheet 1 of 1

JOB NUMBER: GR- 15/99

Scale  
1:10



0.00

Dry, light reddish brown, medium dense, intact, slightly clayey silty fine SAND with roots and organic material.  
Transported.

0.15

REFUSAL on dark red, speckled white and yellow, micaceous, fissured, medium hard Rock, GRANITE.

0.50

NOTES:

- 1) Rock excavate in blocks

CONTRACTOR : CA Bruwer  
MACHINE : Sumitomo LS 4300-F2  
DRILLED BY :  
PROFILED BY : F A Grové  
TYPE SET BY :  
SETUP FILE : STANDARD.SET

INCLINATION : VERTICAL  
DIAM : Trench Pit  
DATE : 25/08/99  
DATE : 25/08/99  
DATE : 16/02/00 13:39  
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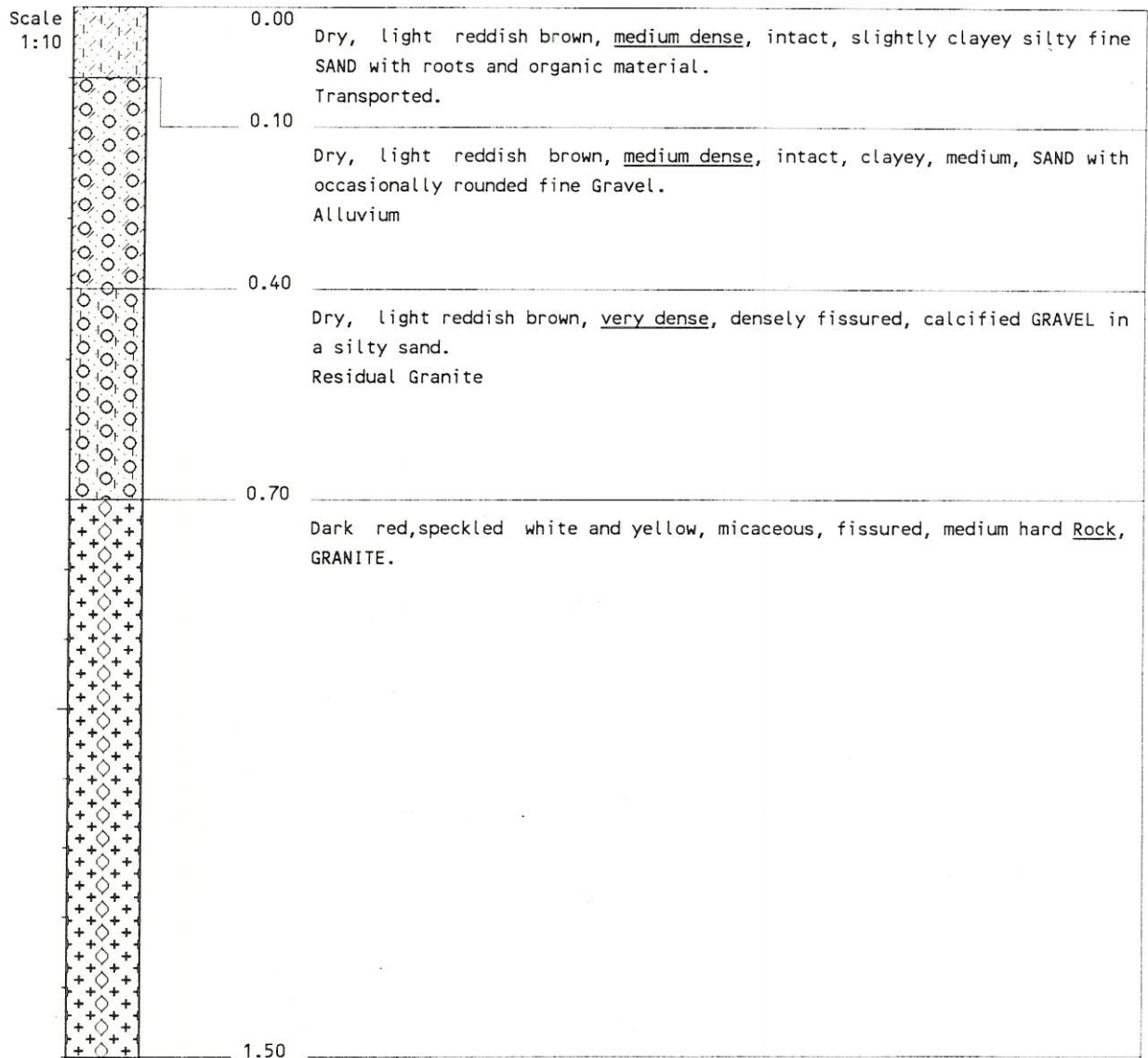
ELEVATION :  
X-COORD :  
Y-COORD :

HOLE No: TP-7

PROJECT: PAULPUTS SUBSTATION  
Transmission Group Consultant  
GEOTECHNICAL SERVICES

HOLE No: TP-8  
Sheet 1 of 1

JOB NUMBER: GR- 15/99



NOTES:

- 1) Rock excavate in blocks
- 2) Braking down required
- 3) Mix profile for fill

CONTRACTOR : CA Bruwer  
MACHINE : Sumitomo LS 4300-F2  
DRILLED BY :  
PROFIED BY : F A Grové  
TYPE SET BY :  
SETUP FILE : STANDARD.SET

INCLINATION : VERTICAL  
DIAM : Trench Pit  
DATE : 25/08/99  
DATE : 25/08/99  
DATE : 16/02/00 13:40  
TEXT : B:\PP-2TPPF.TXT

ELEVATION :  
X-COORD :  
Y-COORD :

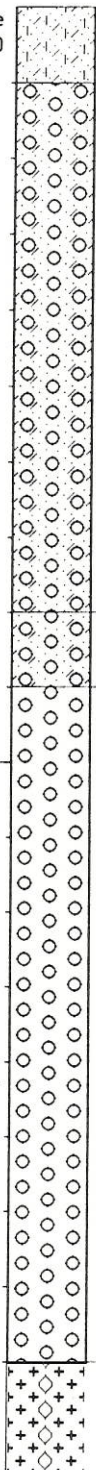
HOLE No: TP-8

PROJECT: PAULPUTS SUBSTATION  
Transmission Group Consultant  
GEOTECHNICAL SERVICES

HOLE No: TP-9  
Sheet 1 of 1

JOB NUMBER: GR- 15/99

Scale  
1:10



0.00

Dry, light reddish brown, medium dense, intact, slightly clayey silty fine SAND with roots and organic material.  
Transported.

0.10

Dry, light reddish brown, very loose to medium dense with depth, intact, clayey, medium, SAND with occasionally rounded fine Gravel.  
Alluvium

0.80

As above but medium densely packed, rounded and sub-rounded quartz fine to medium GRAVEL in a slightly clayey fine sand.  
Pebble Marker.

0.90

Dry, white and yellow mottled, dense to very dense, fissured, layered, highly jointed, less jointed with depth, micaceous, calcified GRAVEL.  
Residual Granite.

1.80

Refusal on Hard Rock, GRANITE.

NOTES:

- 1) Rock excavate in blocks

CONTRACTOR : CA Bruwer  
MACHINE : Sumitomo LS 4300-F2  
DRILLED BY :  
PROFIED BY : F A Grové  
TYPE SET BY :  
SETUP FILE : STANDARD.SET

INCLINATION : VERTICAL  
DIAM : Trench Pit  
DATE : 25/08/99  
DATE : 25/08/99  
DATE : 16/02/00 13:40  
TEXT : B:\PP-2TPPF.TXT

ELEVATION :  
X-COORD :  
Y-COORD :

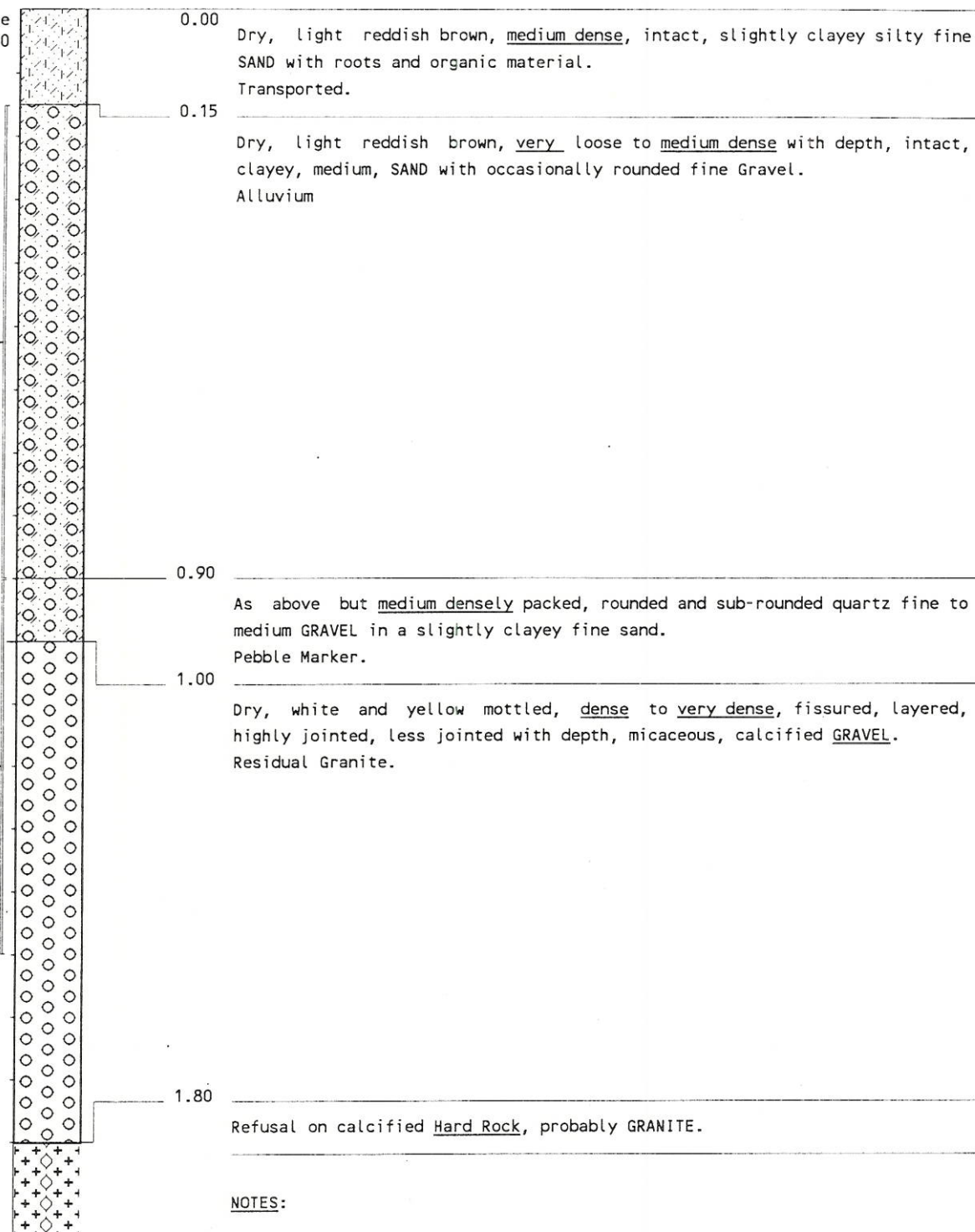
HOLE No: TP-9

PROJECT: PAULPUTS SUBSTATION  
Transmission Group Consultant  
GEOTECHNICAL SERVICES

HOLE No: TP-10  
Sheet 1 of 1

JOB NUMBER: GR- 15/99

Scale  
1:10



1) Sample taken at 0,15--0,9m

2) Sample taken at 0,9--1,5m

3) Calcified material excavate in gravel to blocks

CONTRACTOR : CA Bruwer  
MACHINE : Sumitomo LS 4300-F2  
DRILLED BY :  
PROFIED BY : F A Grové  
TYPE SET BY :  
SETUP FILE : STANDARD.SET

INCLINATION : VERTICAL  
DIAM : Trench Pit  
DATE : 25/08/99  
DATE : 25/08/99  
DATE : 16/02/00 13:37  
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ELEVATION :  
X-COORD :  
Y-COORD :

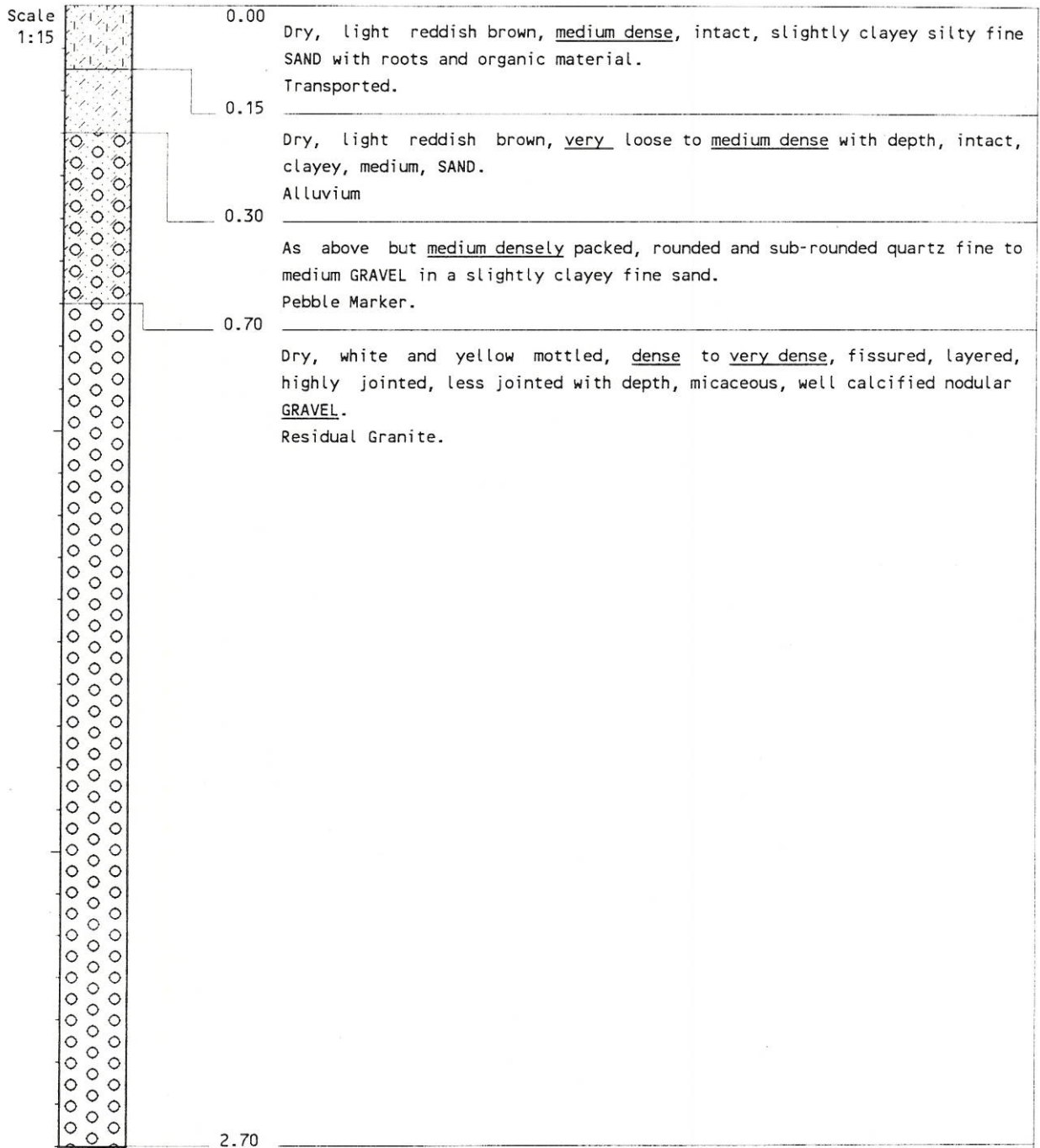
HOLE No: TP-10



PROJECT: PAULPUTS SUBSTATION  
Transmission Group Consultant  
GEOTECHNICAL SERVICES

HOLE No: TP-11  
Sheet 1 of 1

JOB NUMBER: GR- 15/99



CONTRACTOR : CA Bruwer  
MACHINE : Sumitomo LS 4300-F2  
DRILLED BY :  
PROFIED BY : F A Grové  
TYPE SET BY :  
SETUP FILE : STANDARD.SET

INCLINATION : VERTICAL  
DIAM : Trench Pit  
DATE : 25/08/99  
DATE : 25/08/99  
DATE : 16/02/00 13:37  
TEXT : B:\PP-2TPPF.TXT

ELEVATION :  
X-COORD :  
Y-COORD :

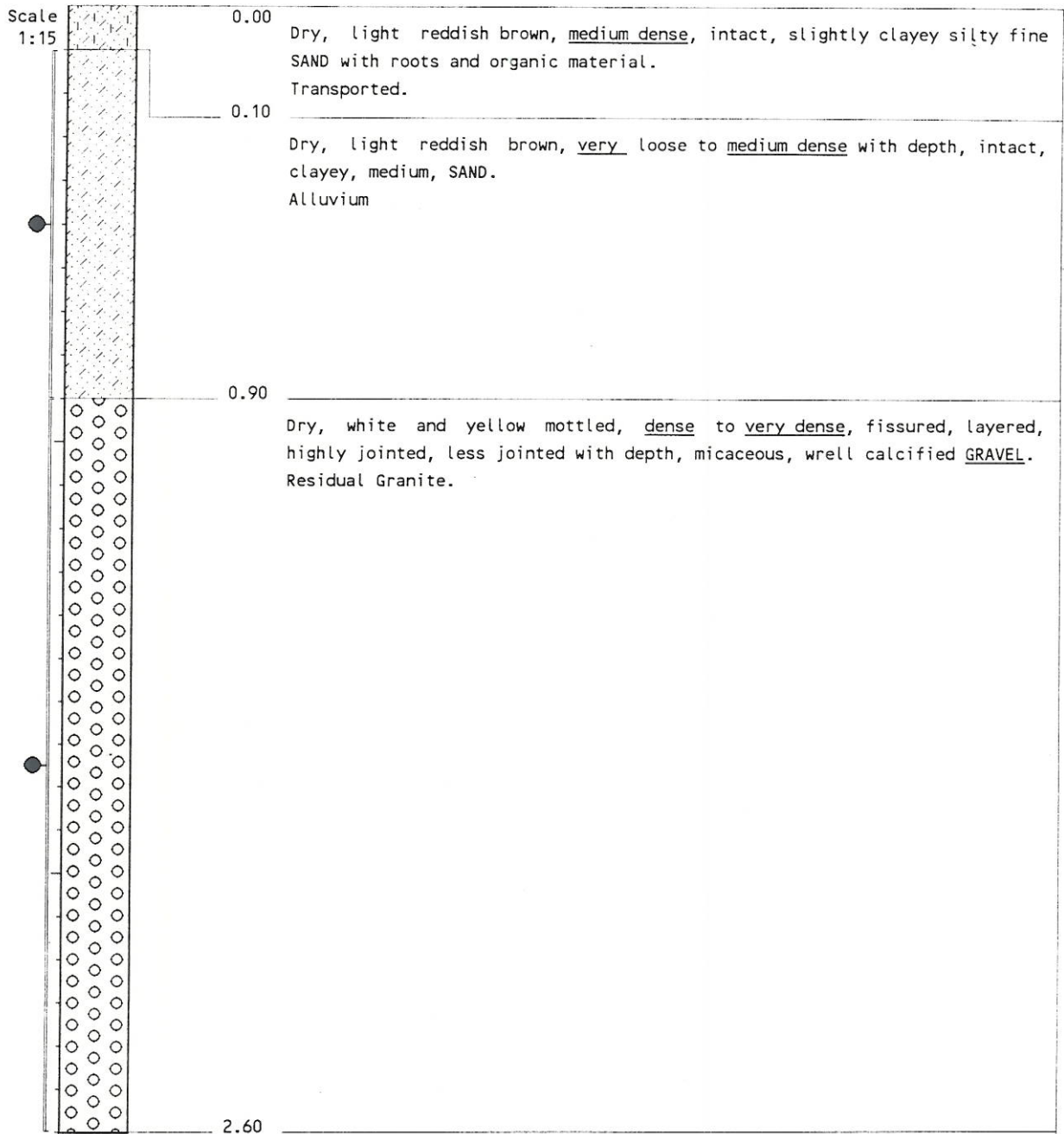
HOLE No: TP-11



PROJECT: PAULPUTS SUBSTATION  
Transmission Group Consultant  
GEOTECHNICAL SERVICES

HOLE No: TP-12  
Sheet 1 of 1

JOB NUMBER: GR- 15/99



NOTES:

- 1) Sample taken at 0,1--0,9m
- 2) Sample taken at 0,9--2,6m
- 3) Rock excavate in blocks

CONTRACTOR : CA Bruwer  
MACHINE : Sumitomo LS 4300-F2  
DRILLED BY :  
PROFILED BY : F A Grové  
TYPE SET BY :  
SETUP FILE : STANDARD.SET

INCLINATION : VERTICAL  
DIAM : Trench Pit  
DATE : 25/08/99  
DATE : 25/08/99  
DATE : 16/02/00 13:38  
TEXT : B:\PP-2TPPF.TXT

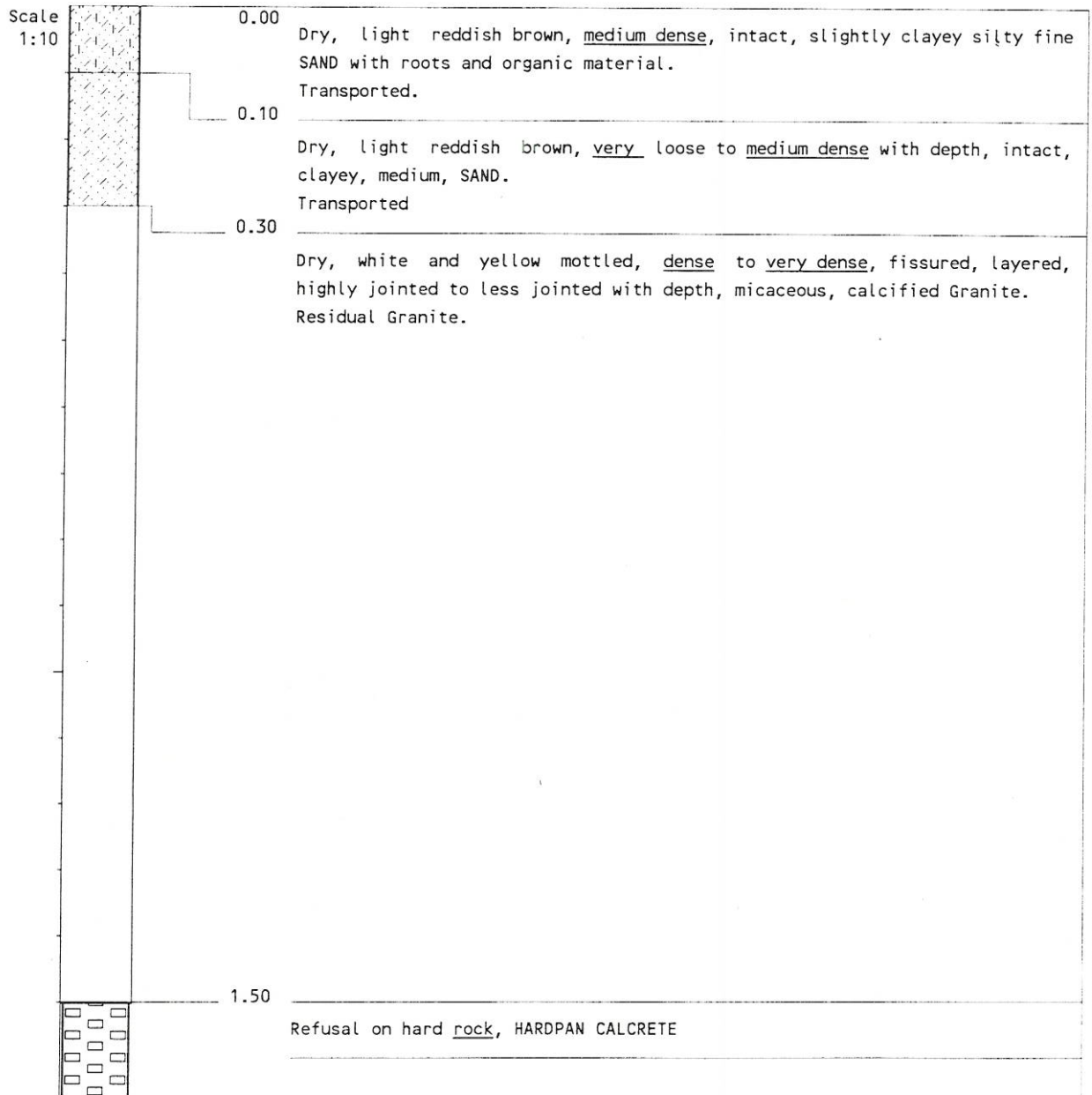
ELEVATION :  
X-COORD :  
Y-COORD :

HOLE No: TP-12

PROJECT: PAULPUTS SUBSTATION  
Transmission Group Consultant  
GEOTECHNICAL SERVICES

HOLE No: TP-13  
Sheet 1 of 1

JOB NUMBER: GR- 15/99



CONTRACTOR : CA Bruwer  
MACHINE : Sumitomo LS 4300-F2  
DRILLED BY :  
PROFIED BY : F A Grové  
TYPE SET BY :  
SETUP FILE : STANDARD.SET

INCLINATION : VERTICAL  
DIAM : Trench Pit  
DATE : 25/08/99  
DATE : 25/08/99  
DATE : 16/02/00 13:38  
TEXT : B:\PP-2TPPF.TXT

ELEVATION :  
X-COORD :  
Y-COORD :

HOLE No: TP-13

PROJECT: PAULPUTS SUBSTATION  
Transmission Group Consultant  
GEOTECHNICAL SERVICES

HOLE No: TP-14  
Sheet 1 of 1

JOB NUMBER: GR- 15/99

Scale  
1:10



0.00

Dry, light reddish brown, very loose to medium dense with depth, intact, clayey, medium, SAND.  
Transported

0.30

Dry, white, reddish brown and yellow mottled, hard Rock, probably calcified GRANITE.

0.70

CONTRACTOR : CA Bruwer  
MACHINE : Sumitomo LS 4300-F2  
DRILLED BY :  
PROFIED BY : F A Grové  
TYPE SET BY :  
SETUP FILE : STANDARD.SET

INCLINATION : VERTICAL  
DIAM : Trench Pit  
DATE : 25/08/99  
DATE : 25/08/99  
DATE : 16/02/00 13:38  
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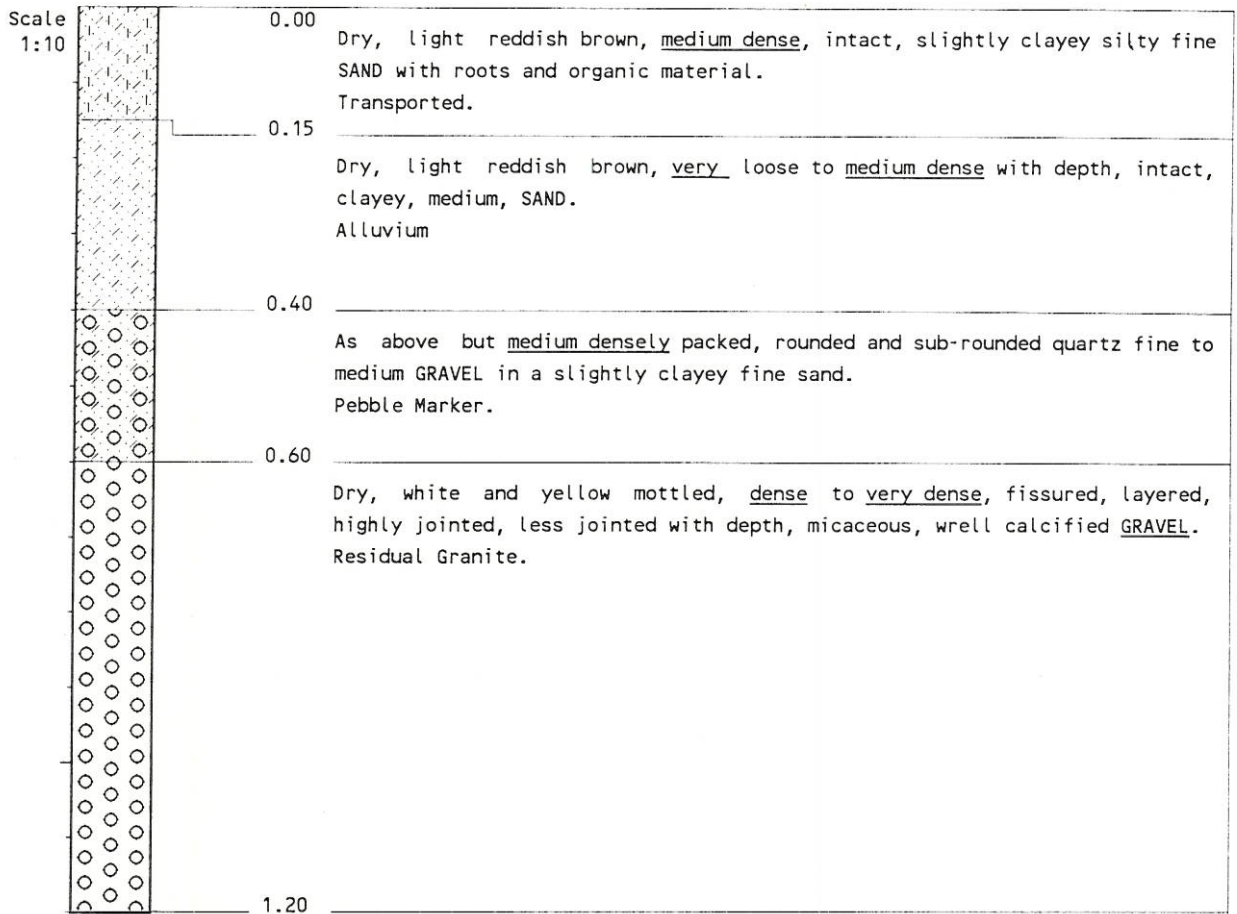
ELEVATION :  
X-COORD :  
Y-COORD :

HOLE No: TP-14

PROJECT: PAULPUTS SUBSTATION  
Transmission Group Consultant  
GEOTECHNICAL SERVICES

HOLE No: TP-15  
Sheet 1 of 1

JOB NUMBER: GR- 15/99



NOTES:

1) Refusal at 1,2m

CONTRACTOR : CA Bruwer  
MACHINE : Sumitomo LS 4300-F2  
DRILLED BY :  
PROFIED BY : F A Grové  
TYPE SET BY :  
SETUP FILE : STANDARD.SET

INCLINATION : VERTICAL  
DIAM : Trench Pit  
DATE : 25/08/99  
DATE : 25/08/99  
DATE : 16/02/00 13:38  
TEXT : B:\PP-2TPPF.TXT

ELEVATION :  
X-COORD :  
Y-COORD :

HOLE No: TP-15