GEOLOGICAL LOG OF DRILL HOLE

RN 11556

PROJECT BMR 3 Proterozoic/Archaean? REMARKS Northern Contact

HOLE N° DDH 10 CO-ORDINATES [illegible] R.L. GROUND

LOCATION Tennant Creek 1:250,000 ANGLE FROM HORIZONTAL Vertical DIRECTION

DESCRIPTION OF CORE	LOG	CORE RECOVERY %	SAMPLES
0–4m Brown-red sand with subrounded pebbles of quartz & iron, & with occasional fragments of white clay.			0–12m Roller Bit sample.
4–6m Brown-red fine grained sandy clay.			
6–8m Brown-red sand with subrounded pebbles (approx. 4x4mm) of quartz & iron, & with fragments of white clay common.			
8–12m Brown clayey sand.			
12–17m VERY WEATHERED MICA SCHIST Green mica (30%) probably represents degraded biotite, & defines a schistosity at 25° to l.c.a. Feldspar is totally altered to clay. Red iron oxide staining occurs, particularly at 12.5m on a slickensided fracture at 80° to l.c.a. Iron staining is dominant at 14m. Occasional veins (5mm) of white clay occur.			12–20.10m Severely broken core sample.
17–20.10m (E.C.H.) WEATHERED MICA SCHIST. As above, but the micas are less effected by iron staining. Schistosity at 15° to l.c.a.			

REFERENCES

GS 76/14.

LOGGED BY J.P.Howard.

SHEET 1 OF 1 DRAWING N°

THE NORTHERN TERRITORY OF AUSTRALIA

RN011556 81

IN 40/485

RN 11556

Control of Waters Ordinance

Regulation &

FINAL STATEMENT OF BORE

metres

From	To	Description of Strata
0	12	Brown clayey sand
12	?	Weathered schist.

Complete strata logs to be supplied with Mines Branch Report.

Location of Bore (or supply sketch on back hereof)—

.....Miles

(*a*) N NE S SE E NW W SW of (*b*) .....

.....

(*a*) Circle appropriate direction.
(*b*) Use known point such as existing bore, homestead, outstation, etc.

Additional information of interest about the bore—

Diamond drill hole

MAP N°: SE 53-14

GRID REF: 157533.

Samples of strata and water supplies
have been*
will be*
left at the following trading place—

.....

T. J. VERHOEVEN

Signature

*Strike out which does not apply.

For office use only—

RECEIVED 9 MAY 1977

Name of Bore—
DDH10

Name of Property—
TENNANT CREEK STATION

Description of Property—
PASTORAL

Name of Owner—
TENNANT CREEK PASTORAL CO.

Name of Contractor—
MINES BRANCH

Name of Driller—

Date of Commencement—

Date of Completion—
1976

Total Depth—
20m

Particulars of Casing—

Particulars of Perforations or Screens—

Water	1st Supply	2nd Supply	3rd Supply
Struck at			
Standing Water Level			
Pumping Supply : G.P.H.			
Duration of Pump Test			
Water Level During Test			
Quality : Good, Fair or Bad			

Rota