204110252

Date: May 20/09

Well Owner: [redacted]

Address: whse Copper - Pingo

hone: _____ Fax: _____

Contractor: Cathway Water Resources

Address: Box 21048 Whitehorse

Phone: 668 7208 Fax: 668 7208

Driller: [redacted]

**General Information**

Well Location: ☑ At owners address ☐ Other

Water Quality: ☐ Good ☐ Poor, why _____

Water Analysis: ☑ chemical ☐ Biological ☐ none

Comments: _____

Taste: _____

Water use: ☑ domestic ☐ Stock ☐ Garden

☐ Irrigation ☐ Heat pump ☐ Industry

☐ Community supply; number of connections _____

☐ Other _____

Aquifer: ☑ Rock ☐ Sand and gravel

Well Capacity

Capacity: ☐ dry hole ☐ Inadequate

☐ Satisfactory for proposed use

Capacity test: ☐ Bail test ☐ Air lift ☐ Pump test

Length of test 4 hrs. minutes Rate: 5 gpm

Water level at start: 20 ft.

Drawdown at end: 130 ft.

Estimated well capacity: _____

Was a water sample taken at end of test? ☑ Yes ☐ No

**Final well completion**

Cover on casing ☐ Welded plate ☑ Pitless adaptor

☐ Aluminium cover ☐ Well seal

Casing: ☐ above ground ☐ In pit ☐ In old dug well

Is casing sealed? ☑ Yes ☐ No

If Yes, describe: _____

Is site protected from obvious hazards, ie. poor drainage, grazing animals, buried fuel tanks, etc. ☑ Yes ☐ No

If no, what can be done? _____

If well location cannot be described from a road address, please sketch approximate location on reverse side of file copy of well record or attach separate sheet.

Well Log Metres ☐ Feet ☑

| From | To | Description |
|---|---|---|
| 0 | 68 | sandy gravel |
| 68 | 72 | gravel + silt w/water |
| 72 | 134 | clay w/ sand zones |
| 134 | 175 | ~~mud~~ wet clay |
| 175 | 200 | bedrock |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

* If drilling is in rock, note depth of fractures which make water.

**Well Construction**

Surface Casing: Diameter 8"

Length _____ Stick up _____

☑ removed ☐ Left in place

Well Casing: Diameter 6"

Length 168' Stick up 2'

Wall thickness: .219

Casing shoe ☑ yes ☐ no

Completion: ☐ well screen ☐ slotted pipe

bedrock line @ 5" PVC 160' to 200'

☑ open end ☐ other

Well screen: ☐ stainless ☐ galvanized steel

☐ plastic

from _____ to _____ slot width _____

from _____ to _____ slot width _____

Design based on: ☐ sieve analysis

☐ estimated slot size

Other screen data: _____

Development method: ☐ surge ☐ bail ☑ air

☐ water jet ☑ pump ☐ other _____

Static water level below ground: 20'

☐ flowing Rate: _____