Well registration

Conf. Provision re. registration of well drilling, Water resources Act

☐ Well in bedrock ☐ Well in sediments ☐ Exploratory drilling

LOCATION

Province _____ Municipality _____ Method used to determine coordinates _____

Coordinate system

WGS 84 UTM Zone: ___ EW-coordinate: _____ NS-coordinate: _____ (see backside for codes)

Postal address well site	Section nr.	Lot nr.	Registration nr.	Subdivision nr.

Well owner Surname _____ First name _____	Telephone (work)	Telephone (private)

Postal address well owner (only required if different from postal address for well site)

Use of well (see backside for codes)	Water supply ☐ Use code _____	Energy ☐ Use code _____	Exploration / Survey ☐ Use code _____

Drilling company	Drilling date	Driller's name

Consultant (name of person)	Consulting company	Consultant's report ID.

Total depth of well (below surface) _____ m	Depth to bedrock (below surface) _____ m	Stable water level after drilling (below surface) _____ m	Date measured _____

OBSERVATIONS

Depth from (m)	Depth to (m)	Any inflow of water (liter/hour) >1000	500-1000	50-500	<50	Comments (sediment profile, change in mud colour, rock type, hard/loose rock etc.)
						(Continue on backside)

WELL DESCRIPTION

Drilling Diameter of borehole

Vertical ☐ Angled ☐ Horizontal ☐ _____ mm

If angled borehole, indicate

Vertical deviation _____ (0^o – 90^o) Orientation wrt North _____ (0^o – 360^o)

W 270^o E 90^o

Well pipe / Casing	Material Steel ☐ Stainless steel ☐ Plastic ☐ Other _____	Length _____ m	Diameter _____ mm

Filter (use backside if several filters)	Location (below surface) From _____ m to _____ m	Diameter _____ mm Mesh size _____ mm	Type _____ Material Steel ☐ Stainless steel ☐ Plastic ☐ Other _____

Yield measured after well completion (**before** blasting / pressurization) _____ liter/hour

Yield **before** blasting / pressurization measured with

Blow-out ☐ Test pumping ☐ Rising-head test ☐ with duration _____ min / hour / day

Water quality	Number of water samples collected _____	Sample(s) sent for analysis to (name of laboratory) _____ in _____

YIELD ENHANCEMENT

☐ Using blasting ☐ Using hydraulic pressurization

Yield enhancement carried out by (company)	Company address	Date

Yield **after** blasting/pressur.	Yield _____ liter/hour	Measured w. Blow-out ☐ Test pumping ☐ Rising-head test ☐ with duration _____ min / hour / day	Stable water level **after** blasting/pressurization (below surface) _____ m Date _____

Packer location	Packer position 1 depth _____ m	Max. Press. _____ kp/cm² Min. Press. _____ kp/cm²	Packer position 2 depth _____ m	Max. Press. _____ kp/cm² Min. Press. _____ kp/cm²	Packer position 3 depth _____ m	Max. Press. _____ kp/cm² Min. Press. _____ kp/cm²

Comments

(Continue on backside)

Send copy of registration form to - customer - NGU - Brønndatabase, 7491 Trondheim	Date	Person responsible at drilling company Name _____ Signature _____

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		Any inflow of water (liter/hour)				Comments
Depth from (m)	Depth to (m)	>1000	500-1000	50-500	<50	(sediment profile, change in mud colour, rock type, hard/loose rock etc.)

Filter Nr. 2	Location (below surface) From _____ m to _____ m	Diameter _____ mm Mesh size _____ mm	Type _____ Material Steel ☐ Stainless steel ☐ Plastic ☐ Other _____
Filter Nr. 3	Location (below surface) From _____ m to _____ m	Diameter _____ mm Mesh size _____ mm	Type _____ Material Steel ☐ Stainless steel ☐ Plastic ☐ Other _____

COMMENTS

CODES

Method used to determine coordinates

1. GPS after May 2000
2. GPS before May 2000
3. Determined from 1:50,000 map
4. From cadaster using mailing address
5. Grid reference on 1:50,000 map

Use code for wells

Water supply

1. Single household
2. Farm
3. Tourist facility
4. Cabin / Recreational dwelling
5. Food production
6. Other industry
7. Water work
8. Irrigation

Energy

1. Single household
2. Farm
3. Tourist facility
4. Large facility/building (e.g. office, hospital, industry, housing)

Exploration / Survey

1. Water supply
2. Energy
3. Environmental / Monitoring
4. Research