

**Volker Goebel - Dipl.-Ing. - Nuclear Repository Planner ww - Endlager Fachplaner <info@ing-goebel.de>**

4.4.2019 21:14

Re: Well done - BIG SALT - UI 325 - DBHD 1.4.1 Canada in New Brunswick rocksalt

An Johnson, Susan (ERD/DER) <susan.johnson@gnb.ca> • webmaster@opg.com • postmaster@brucepower.com • cmstewart@nbpower.com • jan.peter@canada.ca • roy.slack@cementation.com • kay.thorne@gnb.ca • akira.tokuhiro@uoit.ca • roubenb@alum.mit.edu • lswami@nwmo.ca Kopie bbelfadhel@nwmo.ca • dmarinceu@nwmo.ca • bwatts@nwmo.ca • dtaylor@nwmo.ca • dwilson@nwmo.ca • ekremer@nwmo.ca • gkossivas@nwmo.ca • jspragge@nwmo.ca • lfrizzell@nwmo.ca • mhung@nwmo.ca • mion@nwmo.ca • morrett@nwmo.ca • pgierszewski@nwmo.ca

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Dear Ms. Susan Johnson, (Super Geologist)

Dear Dr. Kathleen Thorne, (1a boss Geologist)

Well done - you proved that there is big salt

" **Dorchester 1** " drilling from 68 years ago !

**Top Salt**

**1.780 feet = 542 Meters**

**Bottom Salt**

**4.985 feet = 1.520 Meters**

Documentation of drilling data - Complete !

> we will have to change the technical plan  
a few DSCs less - but DBHD 1.4.1 Canada  
is possible in NB - and now we know where.

**With all respect to the matter of nuclear  
waste storage, we assure you a plan for  
a safe repository** - AND there is 600 Mio.

CAD in direct compensation for people  
in New Brunswick in DBHD calculation.

**Direct, radial, honest compensations.**

**Attitude : 45° 54' 51"**

**Longitude : 64° 31' 54"**

DBHD 1.4.1 Canada nuclear repository  
(Number 01 from minimum 10 DBHD's)

Best regards from  
Volker Goebel / Dipl.-Ing.  
Nucl. Rep. Planner ww

<http://www.ing-goebel.de>

<http://www.dbhd-hlw.de>



Johnson, Susan (ERD/DER) hat am 4. April 2019 um 19:55 geschrieben:

**From:** Volker Goebel - Dipl.-Ing. - Nuclear Repository Planner ww - Endlager Fachplaner [[info@ing-goebel.de](mailto:info@ing-goebel.de)]  
**Sent:** Wednesday, April 03, 2019 9:55 AM  
**To:** Thorne, Kay (ERD/DER) <[Kay.Thorne@gnb.ca](mailto:Kay.Thorne@gnb.ca)>  
**Subject:** RE: >>> Dear Dr. Thorne / Request for geological data - Rocksalt New Brunswick

Good afternoon Mr. Goebel,

Your inquiry below with respect to salt in New Brunswick was forwarded to me. You have indicated in your email below that you need data from drilling that has “found salt and reached deeper than 2.400 metres”. If you are asking for information on salt deposits that occur at depths of over twenty-four hundred metres, we have no such data. There are several drill holes in New Brunswick that have intersected salt deposits, but the deposits lie at much shallower depths than you have indicated is necessary for your work. The base of the deepest salt-bearing unit is around 1500 (fifteen-hundred) metres, but in most areas the base of the salt occurs less than 1000 metres below surface.

If I have misunderstood your requirements and you are interested in deep drill holes that went through the salt into the underlying formations, we have such information from oil and gas drilling. I’ve attached scanned copies of the geology report, SP-Resistivity log and well index sheet for drilling in the Dorchester salt deposit that continued beneath the salt into the underlying fluvial sedimentary rocks to a depth of about 2500 metres. I’m hoping that this is helpful.

Best Regards,  
Susan

*Susan Johnson P.Geo.*

Bedrock Geologist  
New Brunswick Department of Energy and Resource Development /  
Ministère du Développement de l'Énergie et des Ressources du Nouveau-Brunswick  
Geological Surveys Branch / Direction des études géologiques  
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<http://www.gnb.ca/0078/minerals/>

Dear Dr. Kathleen Thorne,

thanks for your message - that did not help at all.

We need stratigraphic data from drillings that has found salt and reached deeper then 2.400 meters.  
Please provide such useful geology information.

The Canadian people in the densely populated areas are living next to 7.812 DSC with activated nuclear spent Candu fuel in - It needs a repository.

In Europe geological repository is by law !  
Wish you a nice and successful day in NB  
Spring will come - it is just a a few days ...

Best regards from  
Volker Goebel / Dipl.-Ing.  
Nucl. Rep. Planner ww

<http://www.ing-goebel.de>

<http://www.dbhd-hlw.de>



"Thorne, Kay (ERD/DER)" <[Kay.Thorne@gnb.ca](mailto:Kay.Thorne@gnb.ca)> hat am 2. April 2019 um 17:24 geschrieben:

Good afternoon,

I apologize for the late response but I have been away from the office. There hasn't been a great deal of recent work on salt deposits in NB; however, I've attached a report on potash deposits but it is very much pertinent to the NB salt deposits as well. It also contains a listing of references that you might find applicable. There is also some information available on our website at the following link:

[https://www2.gnb.ca/content/gnb/en/departments/erd/energy/content/minerals/content/Potash\\_Salt.html](https://www2.gnb.ca/content/gnb/en/departments/erd/energy/content/minerals/content/Potash_Salt.html)

Hopefully you find this information helpful.

Best regards,

Kay

New Brunswick Department of Energy and Resource Development /  
Ministère du Développement de l'Énergie et des Ressources du Nouveau-Brunswick  
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- Rocksalt\_DBHD\_Dorchester\_Found\_nuclear\_repository\_location\_Ing\_Goebel\_for\_.jpg (2 MB)
  - UI 325\_Well Index Sheet\_DBHD\_1.4.1\_Canada\_Nuclear\_Repository\_Location\_1from10.pdf (127 KB)
  - UI 325\_Geology Report\_DBHD\_1.4.1\_Canada\_Nuclear\_Repository\_Location\_1from10.pdf (2 MB)
  - UI 325\_Spontaneous-Potential, Resistivity log\_DBHD\_1.4.1\_Canada\_Nuclear\_Repository\_Location\_1from10.pdf (15 MB)
  - image001.jpg (6 KB)