

**From:** Lands Engagement Officer  
**To:** [Schroff, Justin EMPR:EX](#)  
**Subject:** FW: Information Request: Unger, re:Atlin hydromagnesite  
**Date:** Monday, March 19, 2018 4:21:46 PM

---

Hi Justin, I forwarded this information request to Don in error, not realizing he is working in a different region. Please let me know if you could forward the original engagement package (from 2016?) for the Unger: Atlin Hydromagnesite and the most current version of the SER. I am working on updating the lands engagement database. Thank you! –Whitney

*Gunalchéesh/Thanks,*

*Whitney Horne  
A/Lands Engagement Officer  
Taku River Tlingit First Nation  
[lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com)  
250.651.7900 Ext. 203*

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**From:** Lands Engagement Officer [mailto:[lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com)]  
**Sent:** March-19-18 2:13 PM  
**To:** 'Donald.Harrison@gov.bc.ca' <[Donald.Harrison@gov.bc.ca](mailto:Donald.Harrison@gov.bc.ca)>  
**Subject:** Information Request: Unger, re:Atlin hydromagnesite

Hello Don,

I am working with TRTFN to update the digital archive and provide support with land engagements. I am not able to locate any information at this time for the following file: **Eric Unger NoW Application Re: Atlin hydromagnesite**. If you have any information on this file – particularly the engagement package and any additional information shared by the applicant, please forward at your earliest convenience.

*Gunalchéesh/Thanks,*

*Whitney Horne*

*A/Lands Engagement Officer  
Taku River Tlingit First Nation  
[lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com)  
250.651.7900 Ext. 203*

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**From:** [Harrison, Donald EMPR:EX](#)  
**To:** [Ross, Andrea EMPR:EX](#); [Schroff, Justin EMPR:EX](#)  
**Subject:** FW: Information Request: Unger, re:Atlin hydromagnesite  
**Date:** Monday, March 19, 2018 4:18:51 PM

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Hi Andrea, Justin,

Are either of you able to help out Whitney Horne with the TRT in Atlin? I understand she's filling for Eric Telford. Their files seem to be missing some information so I thought you could help. See below,

Thanks,

Don

**Don J. Harrison, P.Geo.**

Sr. Inspector of Mines–Permitting, SW Region

BC Ministry of Energy, Mines & Petroleum Resources  
Mines & Mineral Resources Division  
3<sup>rd</sup> Floor, 1810 Blanshard St,  
Victoria, BC V8W 9M9  
Direct Line: (778) 698-7014  
Main office: (778) 698-3649

---

**From:** Lands Engagement Officer [<mailto:lands.engagement@gov.trtfn.com>]  
**Sent:** Monday, March 19, 2018 2:13 PM  
**To:** Harrison, Donald EMPR:EX  
**Subject:** Information Request: Unger, re:Atlin hydromagnesite

Hello Don,

I am working with TRTFN to update the digital archive and provide support with land engagements. I am not able to locate any information at this time for the following file: **Eric Unger NoW Application Re: Atlin hydromagnesite**. If you have any information on this file – particularly the engagement package and any additional information shared by the applicant, please forward at your earliest convenience.

*Gunalchéesh/Thanks,*

*Whitney Horne  
A/Lands Engagement Officer  
Taku River Tlingit First Nation  
[lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com)  
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circulation or other use of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system. Any distribution of the email is strictly forbidden. Thank you\*\*\*

**From:** [Ross, Andrea EMPR:EX](#)  
**To:** [Schroff, Justin EMPR:EX](#)  
**Subject:** Re: Test Pitting of Hydromagnesite Deposit on DL 905 and 906  
**Date:** Wednesday, May 30, 2018 6:56:24 PM

---

It's great how they address you as Inspector Schroff.  
They are a ways down the queue still. <sup>s.22</sup> , let's talk about it tomorrow  
quickly if there is time. If not tomorrow then Monday.  
Glad your trip has been good. See you tomorrow.

Andrea

On May 30, 2018, at 6:43 PM, Schroff, Justin EMPR:EX <[Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)> wrote:

Hi Andrea, FYI. These are our Atlin hydromagnesite proponents. I believe their application is still a ways down the queue and I can let them know that when I'm back.

Would like to chat about it - Friday or Monday <sup>s.22</sup>

Trip was good, coming back tomorrow and should be in the office by early afternoon, can give you an update then.

Sent from my iPad

Begin forwarded message:

**From:** "Schroff, Justin EMPR:EX" <[Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)>  
**Date:** May 30, 2018 at 5:55:15 PM PDT  
**To:** Maria Heissig <[mheissig@primus.ca](mailto:mheissig@primus.ca)>  
**Subject:** Re: Test Pitting of Hydromagnesite Deposit on DL 905 and 906

Good afternoon Maria,

I am in the field but will return to Smithers on Friday and can give you an update at that time.

Thanks and best regards,

Justin

Sent from my iPad

On May 30, 2018, at 3:18 PM, Maria Heissig <[mheissig@primus.ca](mailto:mheissig@primus.ca)> wrote:

Dear Inspector Schroff,

Please be advised that Mr. Unger and I will be in Atlin as of the beginning of June ,2018 in order to organize and commence our non mechanized testing pitting programme on DL905 and DL906 upon receipt of our permit.

We would appreciate learning from you when we can expect our permit in order that we are able to assemble the necessary work force for that time period to do the necessary work as required by our buyer.

Our Notice of Work Tracking Number is 100242863 Submitted March 25,2018.

Thank you.

Yours truly,

Maria Heissig

**From:** [Schroff, Justin EMPR:EX](#)  
**To:** [Davies, Howard EMPR:EX](#)  
**Subject:** FW: Test Pitting of Hydromagnesite Deposit on DL 905 and 906  
**Date:** Thursday, May 31, 2018 4:27:06 PM

---

FYI.

---

**From:** Schroff, Justin EMPR:EX  
**Sent:** Thursday, May 31, 2018 4:26 PM  
**To:** 'Maria Heissig'  
**Cc:** Ross, Andrea EMPR:EX  
**Subject:** RE: Test Pitting of Hydromagnesite Deposit on DL 905 and 906

Hi Maria,

I arrived back in the office this afternoon and discussed the state of our files with my supervisor Andrea Ross.

I can commit to reviewing your file next week. The timing of any permit decision will be dependent on the results of that review. I can provide you with a better sense of what that might look like via formal acknowledgement letter next week.

Best regards,

Justin Schroff, P.Geo.  
Inspector of Mines, Permitting  
BC Ministry of Energy, Mines and Petroleum Resources

Phone (cell): (250) 876-8462  
Email: [Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)

---

**From:** Maria Heissig [<mailto:mheissig@primus.ca>]  
**Sent:** Wednesday, May 30, 2018 3:18 PM  
**To:** Schroff, Justin EMPR:EX  
**Subject:** Test Pitting of Hydromagnesite Deposit on DL 905 and 906

Dear Inspector Schroff,

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Thank you.

Yours truly,





**From:** [Davies, Howard EMPR:EX](#)  
**To:** [Schroff, Justin EMPR:EX](#)  
**Subject:** RE: info  
**Date:** Thursday, July 12, 2018 10:14:44 AM

---

Text won't work, Lync message pls  
I hope Atlin gets cell before I retire

**Howard Davies**

**Regional Director, NW Region**

B.C. Ministry of Energy, Mines and Petroleum Resources  
3726 Alfred Ave Smithers BC V0J 2N0  
Phone: 1 (250) 847 7653  
Cell: 1 (250) 876 8327  
Email: [howard.davies@gov.bc.ca](mailto:howard.davies@gov.bc.ca)

---

**From:** Schroff, Justin EMPR:EX  
**Sent:** Thursday, July 12, 2018 10:10 AM  
**To:** Davies, Howard EMPR:EX  
**Subject:** Re: info

For sure, I'll send you a text when I'm available this morning. Probably shortly before lunch unless the CIM call wraps up early.

Sent from my iPhone

On Jul 12, 2018, at 9:54 AM, Davies, Howard EMPR:EX <[Howard.Davies@gov.bc.ca](mailto:Howard.Davies@gov.bc.ca)> wrote:

Thanks Justin. **s.13,s.16**  
**s.13,s.16**

Could you please contact me today – I'm at the govt office until mid afternoon so I can call out to you if you message me.

Thanks

**Howard Davies**

**Regional Director, NW Region**

B.C. Ministry of Energy, Mines and Petroleum Resources  
3726 Alfred Ave Smithers BC V0J 2N0  
Phone: 1 (250) 847 7653  
Cell: 1 (250) 876 8327  
Email: [howard.davies@gov.bc.ca](mailto:howard.davies@gov.bc.ca)

---

**From:** Schroff, Justin EMPR:EX  
**Sent:** Wednesday, July 11, 2018 5:27 PM  
**To:** Davies, Howard EMPR:EX  
**Subject:** Re: info

Hi Howard, Unger is my file. It has not yet been permitted. The level 1 is correct, and based on the nature of work, location and SEA.

s.22

has a permit. He's also made an application for amendment which I will have to check the status of - it has not been permitted yet.

Sent from my iPhone

On Jul 11, 2018, at 5:10 PM, Davies, Howard EMPR:EX <[Howard.Davies@gov.bc.ca](mailto:Howard.Davies@gov.bc.ca)> wrote:

Justin

Can you let me know the status of the unger hydromagnesite file. I was told it was permitted under level 1 consultation. Is it done? Which inspector?

Also, is there a permit issued for smallwood in Atlin? There was some confusion about consultation and whether it had been done. Likewise, checking on level of consult and issuing inspector

thanks

**Howard Davies**

**Regional Director, NW Region**

B.C. Ministry of Energy, Mines and Petroleum Resources

3726 Alfred Ave Smithers BC V0J 2N0

Phone: 1 (250) 847 7653

Cell: 1 (250) 876 8327

Email: [howard.davies@gov.bc.ca](mailto:howard.davies@gov.bc.ca)

**From:** Mark Connor  
**To:** [Davies, Howard EMPR:EX](#); "[whitney horne](#)"; "[John Rankin](#)"; [lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com)  
**Cc:** [gandc@northwestel.net](mailto:gandc@northwestel.net); "Mark Connor"; [Rive, Torbjorn FLNR:EX](#); [Schroff, Justin EMPR:EX](#)  
**Subject:** RE: Maria dropped by to see Whitney as understood would meet. Pls have WH call Maria 250.651.7650 to meet today or tomorrow  
**Date:** Thursday, July 12, 2018 11:19:37 AM

---

Thanks Howard  
s.13,s.16

Mark

---

**From:** Davies, Howard EMPR:EX [<mailto:Howard.Davies@gov.bc.ca>]  
**Sent:** July-12-18 11:15 AM  
**To:** Mark Connor <[fisheries.steward@gov.trtfn.com](mailto:fisheries.steward@gov.trtfn.com)>; 'whitney horne' s.22  
'John Rankin' <[interimcao@gov.trtfn.com](mailto:interimcao@gov.trtfn.com)>; [lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com)  
**Cc:** [gandc@northwestel.net](mailto:gandc@northwestel.net); 'Mark Connor' <[mark.connor@gov.trtfn.com](mailto:mark.connor@gov.trtfn.com)>; Rive, Torbjorn FLNR:EX <[Torbjorn.Rive@gov.bc.ca](mailto:Torbjorn.Rive@gov.bc.ca)>; Schroff, Justin EMPR:EX <[Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)>  
**Subject:** RE: Maria dropped by to see Whitney as understood would meet. Pls have WH call Maria 250.651.7650 to meet today or tomorrow  
**Importance:** High

Hello Mark,  
s.13,s.16

Thanks

**Howard Davies**  
**Regional Director, NW Region**  
B.C. Ministry of Energy, Mines and Petroleum Resources  
3726 Alfred Ave Smithers BC V0J 2N0  
Phone: 1 (250) 847 7653  
Cell: 1 (250) 876 8327  
Email: [howard.davies@gov.bc.ca](mailto:howard.davies@gov.bc.ca)

---

**From:** Mark Connor [<mailto:fisheries.steward@gov.trtfn.com>]  
**Sent:** Thursday, July 12, 2018 9:01 AM  
**To:** 'whitney horne'; 'John Rankin'; [lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com); Davies, Howard EMPR:EX  
**Cc:** [gandc@northwestel.net](mailto:gandc@northwestel.net); 'Mark Connor'; Rive, Torbjorn FLNR:EX  
**Subject:** RE: Maria dropped by to see Whitney as understood would meet. Pls have WH call Maria 250.651.7650 to meet today or tomorrow

Page 12

Withheld pursuant to/removed as

s.16;s.13

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**From:** whitney horne [<mailto:s.22>]

**Sent:** July-11-18 4:39 PM

**To:** John Rankin <[interimcao@gov.trtfn.com](mailto:interimcao@gov.trtfn.com)>; [lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com)

**Cc:** [gandc@northwestel.net](mailto:gandc@northwestel.net); Mark Connor <[mark.connor@gov.trtfn.com](mailto:mark.connor@gov.trtfn.com)>; Rive, Torbjorn FLNR:EX <[Torbjorn.Rive@gov.bc.ca](mailto:Torbjorn.Rive@gov.bc.ca)>

**Subject:** Re: Maria dropped by to see Whitney as understood would meet. Pls have WH call Maria 250.651.7650 to meet today or tomorrow

s.13,s.16

Best,

Whitney Horne  
A/Lands Engagement Officer  
Taku River Tlingit First Nation

---

**From:** John Rankin <[interimcao@gov.trtfn.com](mailto:interimcao@gov.trtfn.com)>

**Sent:** July 11, 2018 3:08:57 PM

**To:** [lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com)

**Cc:** [gandc@northwestel.net](mailto:gandc@northwestel.net); whitney horne; Mark Connor

**Subject:** Maria dropped by to see Whitney as understood would meet. Pls have WH call Maria 250.651.7650 to meet today or tomorrow

--

TRTFN Interim CAO

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**From:** Maria Heissig  
**To:** [Schroff, Justin EMPR:EX](#)  
**Subject:** Re: File:14675-20/1650934 - Waiting for Securities  
**Date:** Tuesday, July 31, 2018 11:12:06 AM  
**Attachments:** [image001.png](#)  
[logo 1.png](#)

---

Hi Justin,

With regards to your last e mail what is the last step before moving to permit decision? At this stage it is not a question of patience but of time.

Please advise.

Thanks, Maria

On Jul 31, 2018, at 10:33 AM, Schroff, Justin EMPR:EX  
<[Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)> wrote:

Hi Maria, just a quick correction – and I know you received my requests yesterday – this is not the last step before moving to permit decision.

Thanks for your patience, Carey and I had a chat and we're on the same page.

-Justin

Justin Schroff, P.Geo.  
Inspector of Mines, Permitting  
Ministry of Energy, Mines and Petroleum Resources  
NW Region

Phone: 250-876-8462  
Email: [Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)

---

**From:** deHoog, Carey M EMPR:EX  
**Sent:** Tuesday, July 31, 2018 10:26 AM  
**To:** 'Maria Heissig'  
**Cc:** Schroff, Justin EMPR:EX; Oosterhoff, Kelsey EMPR:EX  
**Subject:** RE: File:14675-20/1650934 - Waiting for Securities

Thanks for the prompt response Maria,

Can you tell me when you expect to post the securities?

~Carey

---

**From:** Maria Heissig [<mailto:mheissig@primus.ca>]  
**Sent:** July 31, 2018 10:22 AM  
**To:** deHoog, Carey M EMPR:EX  
**Subject:** Re: File:14675-20/1650934

Hello Carey,

I'm still in Atlin and currently working with Justin Schroff on this file . This is an active file which must not be closed.

Thanks,

Maria

On Jul 30, 2018, at 4:29 PM, deHoog, Carey M EMPR:EX  
<[Carey.deHoog@gov.bc.ca](mailto:Carey.deHoog@gov.bc.ca)> wrote:

Hi Maria,

We still haven't received the bond cheque. Are you planning on moving forward with your proposed work program? If I don't hear from you before August 10<sup>th</sup> I will assume you no longer wish to keep this Notice of Work active, and close this file.

Thanks,  
Carey

---

**From:** deHoog, Carey M EMPR:EX  
**Sent:** July 9, 2018 4:19 PM  
**To:** 'Maria Heissig'  
**Subject:** RE: File:14675-20/1650934

Hi Maria,

You can mail it to:

**Ministry of Energy Mines and Petroleum Resources**  
**3726 Alfred Avenue Bag 5000**  
**Smithers BC V0J 2N0**

The consultation period has concluded so as soon as we receive your cheque, the permit can be issued.

Enjoy your day,  
~Carey

---

**From:** Maria Heissig [<mailto:mheissig@primus.ca>]  
**Sent:** July 9, 2018 4:10 PM  
**To:** deHoog, Carey M EMPR:EX  
**Subject:** Re: File:14675-20/1650934

Hi Carey,

I will make arrangements to travel to Whitehorse to get the certified cheque and Mail it right from there . Would you please provide me with the mailing address for faster processing on your end? When do you expect to have the consultation period concluded?

Thank you.  
Maria

On Jul 5, 2018, at 4:06 PM, deHoog, Carey M  
EMPR:EX <[Carey.deHoog@gov.bc.ca](mailto:Carey.deHoog@gov.bc.ca)> wrote:



Hi Maria,

Unfortunately we are not set up for online/etransfer payments. Our policies do require a certified cheque, bank draft, safekeeping agreement or letter of credit. I do realize there is a drive to Whitehorse involved. Perhaps there is someone that can do this on your behalf? There is still time as your NOW file is still in consultation.

Sorry we couldn't be more help to you. We definitely have challenges in the North!

--

Carey deHoog  
Operations Coordinator  
Ministry of Energy, Mines and Petroleum Resources  
3726 Alfred Avenue Bag 5000  
Smithers BC V0J 2N0  
Phone: 250.847.7585  
Fax: 250.847.7603

-----Original Message-----

From: Maria Heissig [<mailto:mheissig@primus.ca>]  
Sent: Thursday, July 5, 2018 3:23 PM  
To: Oosterhoff, Kelsey EMPR:EX  
Subject: File:14675-20/1650934

Hi Kelsey,

Thank you for sending through the documents required for our hand sampling permit for DL905 and DL906 in Atlin.

I wish to make the \$3,000.00 Security Deposit payment. Is there any way I could pay it on line. If so, please provide banking info for the e transfer. In order to get a certified cheque , as you've indicated in the acknowledgement letter I would have to travel to Whitehorse 180 km one way. Alternatively I can give the Government Agent in Atlin a cheque but it would not be certified.

Please advise.  
Thank you,  
Maria

Maria Heissig

Director  
Lake Atlin Waterfront Place  
2735 Bushland Crescent  
Mississauga, Ontario L5J-1X8  
(905)823-6963 [mheissig@primus.ca](mailto:mheissig@primus.ca)  
[www.lakeatlinwaterfrontplace.ca](http://www.lakeatlinwaterfrontplace.ca)



## Maria Heissig

Director  
Lake Atlin Waterfront Place  
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(905)823-6963 [mheissig@primus.ca](mailto:mheissig@primus.ca)  
[www.lakeatlinwaterfrontplace.ca](http://www.lakeatlinwaterfrontplace.ca)



## Maria Heissig

Director  
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[www.lakeatlinwaterfrontplace.ca](http://www.lakeatlinwaterfrontplace.ca)



**From:** [Schroff, Justin EMPR:EX](#)  
**To:** [Ross, Andrea EMPR:EX](#)  
**Subject:** RE: TRT concerns with Unger Hydro Magnesite hand tool application  
**Date:** Thursday, July 19, 2018 12:15:00 PM

---

I'll write back to Mark directly and let him know I've received. I need to review it and figure out what I'm going to do with it.

-Justin

---

**From:** Ross, Andrea EMPR:EX  
**Sent:** Thursday, July 19, 2018 12:02 PM  
**To:** Schroff, Justin EMPR:EX  
**Subject:** FW: TRT concerns with Unger Hydro Magnesite hand tool application

Not sure if you have received this or not.

A

---

**From:** Harrison, Donald EMPR:EX  
**Sent:** Friday, July 13, 2018 2:03 PM  
**To:** 'Mark Connor'  
**Cc:** Davies, Howard EMPR:EX; Ross, Andrea EMPR:EX  
**Subject:** RE: TRT concerns with Unger Hydro Magnesite hand tool application

Hello Mark,

s.22 and I'm not aware of the current application you refer to. Howard Davies and Andrea Ross should be able to respond to your concerns.

Regards,

Don

***Don J. Harrison, P.Geo.***

Sr. Inspector of Mines–Permitting, SW Region

---

BC Ministry of Energy, Mines & Petroleum Resources  
Mines & Mineral Resources Division  
3<sup>rd</sup> Floor, 1810 Blanshard St,  
Victoria, BC V8W 9M9  
Direct Line: (778) 698-7014  
Main office: (778) 698-3649

**BC Mines Act – HS&R Code**

*Note updates to Part 1.12 of the Code re: Mine Supervisors Certification*

---

**From:** Mark Connor [mailto:fisheries.steward@gov.trtfn.com]  
**Sent:** Friday, July 13, 2018 12:01 PM  
**To:** Davies, Howard EMPR:EX; Rive, Torbjorn FLNR:EX; Flynn, Doug EMPR:EX; McMillan, Roger C

FLNR:EX; Harrison, Donald EMPR:EX  
Cc: lands.engagement@gov.trtfn.com; 'whitney horne'  
Subject: TRT concerns with Unger Hydro Magnesite hand tool application

Good day  
s.13,s.16

*Gunalchéesh/Thanks,*

Mark Connor  
Lands and Fisheries Coordinator  
Fisheries, Lands and Resources  
Taku River Tlingit First Nation  
(250) 651-7900 ext. 320

**From:** [Schroff, Justin EMPR:EX](#)  
**To:** [Ross, Andrea EMPR:EX](#)  
**Subject:** RE: TRT concerns with Unger Hydro Magnesite hand tool application  
**Date:** Thursday, July 19, 2018 12:13:00 PM

---

s.13,s.16

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**Sent:** Thursday, July 19, 2018 12:02 PM  
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**Cc:** Davies, Howard EMPR:EX; Ross, Andrea EMPR:EX  
**Subject:** RE: TRT concerns with Unger Hydro Magnesite hand tool application

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***Don J. Harrison, P.Geo.***

Sr. Inspector of Mines–Permitting, SW Region

---

BC Ministry of Energy, Mines & Petroleum Resources  
Mines & Mineral Resources Division  
3<sup>rd</sup> Floor, 1810 Blanshard St,  
Victoria, BC V8W 9M9  
Direct Line: (778) 698-7014  
Main office: (778) 698-3649

**BC Mines Act – HS&R Code**

*Note updates to Part 1.12 of the Code re: Mine Supervisors Certification*

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**From:** Mark Connor [mailto:fisheries.steward@gov.trtfn.com]  
**Sent:** Friday, July 13, 2018 12:01 PM  
**To:** Davies, Howard EMPR:EX; Rive, Torbjorn FLNR:EX; Flynn, Doug EMPR:EX; McMillan, Roger C FLNR:EX; Harrison, Donald EMPR:EX  
**Cc:** lands.engagement@gov.trtfn.com; 'whitney horne'

**Subject:** TRT concerns with Unger Hydro Magnesite hand tool application

Good day  
s.13,s.16

*Gunalchéesh/Thanks,*

Mark Connor  
Lands and Fisheries Coordinator  
Fisheries, Lands and Resources  
Taku River Tlingit First Nation  
(250) 651-7900 ext. 320

**From:** [Schroff, Justin EMPR:EX](#)  
**To:** [Davies, Howard EMPR:EX](#)  
**Cc:** [Ross, Andrea EMPR:EX](#)  
**Subject:** RE: TRTFN concerns regarding Unger hydromagnesite proposal  
**Date:** Thursday, July 19, 2018 12:50:00 PM

---

Yeah Andrea looped it back to me, it took quite a path. I'll have to message to the proponent but need to give full consideration to TRT's position and consider available options. We'll stay in touch on this. Meanwhile take care over there.

---

**From:** Davies, Howard EMPR:EX  
**Sent:** Thursday, July 19, 2018 12:30 PM  
**To:** Schroff, Justin EMPR:EX  
**Cc:** Ross, Andrea EMPR:EX  
**Subject:** Re: TRTFN concerns regarding Unger hydromagnesite proposal

Hope that Andrea and I can have time to discuss this with you at the end of next week after I get s.22

Thanks

Sent from my iPhone

**Howard Davies**  
**Regional Director, NW Region**  
B.C. Ministry of Energy and Mines  
[3726 Alfred Ave Smithers BC V0J 2N0](#)  
Phone: [1 \(250\) 847 7653](#)  
Cell: [1 \(250\) 876 8327](#)  
Email: [howard.davies@gov.bc.ca](mailto:howard.davies@gov.bc.ca)

On Jul 19, 2018, at 8:23 PM, Schroff, Justin EMPR:EX <[Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)> wrote:

Good afternoon Mark,

I just received your email regarding TRTFN concerns on the proposed hydromagnesite exploration project referred to your office last month.

Thank you for taking the time to provide this summary. As SDM for this proposal I can commit to fully reviewing and considering the comments before moving to decision. I will not be taking any action on this file until next week, including determining the best way to address the concerns that you've identified.

Best regards,

Justin Schroff, P.Geo.  
Inspector of Mines, Permitting

BC Ministry of Energy, Mines and Petroleum Resources  
Northwest Region  
2<sup>nd</sup> floor 3726 Alfred Ave

Bag 5000, Smithers BC, V0J 2N0

Phone (cell): 250-876-8462

Email: [Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)



From: [Davies, Howard EMPR:EX](#)  
To: [Schroff, Justin EMPR:EX](#)  
Cc: [Ross, Andrea EMPR:EX](#); [Rive, Torbjorn FLNR:EX](#)  
Subject: Re: TRTFN concerns regarding Unger hydromagnesite proposal  
Date: Thursday, July 19, 2018 12:27:44 PM

---

Sorry Justin, I did not check the email distribution when I received Marks emails. Glad you picked it up.

Sent from my iPhone

**Howard Davies**

**Regional Director, NW Region**

B.C. Ministry of Energy and Mines

[3726 Alfred Ave Smithers BC V0J 2N0](#)

Phone: [1 \(250\) 847 7653](#)

Cell: [1 \(250\) 876 8327](#)

Email: [howard.davies@gov.bc.ca](mailto:howard.davies@gov.bc.ca)

On Jul 19, 2018, at 8:23 PM, Schroff, Justin EMPR:EX <[Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)> wrote:

Good afternoon Mark,

I just received your email regarding TRTFN concerns on the proposed hydromagnesite exploration project referred to your office last month.

Thank you for taking the time to provide this summary. As SDM for this proposal I can commit to fully reviewing and considering the comments before moving to decision. I will not be taking any action on this file until next week, including determining the best way to address the concerns that you've identified.

Best regards,

Justin Schroff, P.Geo.  
Inspector of Mines, Permitting

BC Ministry of Energy, Mines and Petroleum Resources  
Northwest Region

2<sup>nd</sup> floor 3726 Alfred Ave  
Bag 5000, Smithers BC, V0J 2N0

Phone (cell): 250-876-8462  
Email: [Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)

**From:** Mark Connor  
**To:** [Schroff, Justin EMPR:EX](#)  
**Subject:** RE: TRTFN concerns regarding Unger hydromagnesite proposal  
**Date:** Monday, July 23, 2018 9:11:28 AM

---

Thanks for the update Justin

---

**From:** Schroff, Justin EMPR:EX [mailto:Justin.Schroff@gov.bc.ca]  
**Sent:** July-19-18 12:24 PM  
**To:** 'fisheries.steward@gov.trtfn.com' <fisheries.steward@gov.trtfn.com>  
**Cc:** Ross, Andrea EMPR:EX <Andrea.Ross@gov.bc.ca>; Davies, Howard EMPR:EX <Howard.Davies@gov.bc.ca>; Rive, Torbjorn FLNR:EX <Torbjorn.Rive@gov.bc.ca>; 'Lands Engagement Officer' <lands.engagement@gov.trtfn.com>  
**Subject:** TRTFN concerns regarding Unger hydromagnesite proposal

Good afternoon Mark,

I just received your email regarding TRTFN concerns on the proposed hydromagnesite exploration project referred to your office last month.

Thank you for taking the time to provide this summary. As SDM for this proposal I can commit to fully reviewing and considering the comments before moving to decision. I will not be taking any action on this file until next week, including determining the best way to address the concerns that you've identified.

Best regards,

Justin Schroff, P.Geo.  
Inspector of Mines, Permitting

BC Ministry of Energy, Mines and Petroleum Resources  
Northwest Region  
2<sup>nd</sup> floor 3726 Alfred Ave  
Bag 5000, Smithers BC, V0J 2N0

Phone (cell): 250-876-8462  
Email: [Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)

From: [Davies, Howard EMPR:EX](#)  
To: [Schroff, Justin EMPR:EX](#)  
Cc: [Rive, Torbjorn FLNR:EX](#)  
Subject: Re: Referral: Eric Unger Crown Grants DL905 & DL906  
Date: Wednesday, August 1, 2018 6:40:02 PM

---

Astounding

Sent from my iPhone

**Howard Davies**  
**Regional Director, NW Region**  
B.C. Ministry of Energy and Mines  
[3726 Alfred Ave Smithers BC V0J 2N0](#)  
Phone: [1 \(250\) 847 7653](#)  
Cell: [1 \(250\) 876 8327](#)  
Email: [howard.davies@gov.bc.ca](mailto:howard.davies@gov.bc.ca)

On Aug 1, 2018, at 5:19 PM, Schroff, Justin EMPR:EX <[Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)> wrote:

**s.13,s.16**

And to the query on Mark's comments, Tor, I have received and can commit to factoring into the decision. I will advise in advance of that decision, with drafts of any conditions prior to permit issuance, in the event of a positive decision.

Sent from my iPhone

On Aug 1, 2018, at 4:46 PM, whitney horne **s.22** wrote:

Hi Tor, I don't recall ever stating this application was in Blue Canyon, but on on the Weinah reserve. Please confirm if you recieved Mark Connor's comments for consideration on this file? Thanks,

Whitney Horne  
A/Lands Engagement Officer  
Taku River Tlingit First Nation  
Email: [lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com)  
Phone: (250)651-7900 ext.203

---

**From:** Rive, Torbjorn FLNR:EX <[Torbjorn.Rive@gov.bc.ca](mailto:Torbjorn.Rive@gov.bc.ca)>  
**Sent:** August 1, 2018 3:00:31 PM  
**To:** whitney horne  
**Cc:** Schroff, Justin EMPR:EX  
**Subject:** Re: Referral: Eric Unger Crown Grants DL905 & DL906

Hi Whitney. This one doesn't land in the Blue Canyon RMZ, it's around 15 to 16km west of it. We have noted the application areas are located in the Atlin Community Zone. The guidelines in the LUP are as follows, and are being considered by Justin in his decision making process.

Thanks,  
-Tor

**Atlin / W̓en̓àh Community Zone**

The Atlin / W̓en̓àh Community Zone encompasses the area surrounding the town of Atlin, including a portion of the eastern side of Atlin Lake that is considered suitable for future community expansion. The zone defines preferred areas for residential, commercial and industrial land development. The zone boundaries correspond with the Atlin townsite and rural residential areas identified in the 1981 Atlin Official Community Plan.

The zone includes a long-standing village location for the Tlingits, named W̓en̓àh after the alkali beds found along the shores of the small lakes, which attracted caribou.

**Management Intent for Atlin Community Zone / W̓en̓àh**

- To support local economic development for the community of Atlin, and the maintenance of its rural character and quality of life

**Atlin Community Zone / W̓en̓àh Implementation Direction**

- Subject to availability of resources, update the Official Community Plan for the Atlin Community Zone as shown on Map 18 in partnership with the Atlin Community Improvement District and in a manner consistent with the Government-to-Government *Land and Resource Management and Shared Decision Making Agreement*.
- Maintain the quality of visual landscapes from the Atlin townsite and the eastern shore of Atlin Lake, the Highway 7 road corridor, and Warm Bay Road.



---

**From:** whitney horne ·s.22  
**Sent:** July-17-18 8:08 AM  
**To:** Lands Engagement Officer  
**Cc:** Oosterhoff, Kelsey EMPR:EX; Rive, Torbjorn FLNR:EX  
**Subject:** Re: Referral: Eric Unger Crown Grants DL905 & DL906

Good morning Tor, it looks like this application is in the Blue Canyon RMZ?? The Taku River Tlingit First Nation has expressed significant concerns with mining programs in this area and the cumulative impacts to this area and connecting ecosystems. TRTFN does not support this application as the maximum threshold of disturbance is felt to have been reached. This is also a valued hunting area intended for balanced mixed use, it is a further concern to TRTFN the proposed area of work overlaps with an existing outfitter area, and high value caribou and moose habitat and fish rearing streams.

Whitney Horne  
A/Lands Engagement Officer  
Taku River Tlingit First Nation  
Email: [lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com)  
Phone: (250)651-7900 ext.203

---

**From:** Lands Engagement Officer <[lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com)>  
**Sent:** July 16, 2018 3:23:03 PM  
**To:** 'whitney horne'  
**Subject:** FW: Referral: Eric Unger Crown Grants DL905 & DL906

---

**From:** Oosterhoff, Kelsey EMPR:EX <[Kelsey.Oosterhoff@gov.bc.ca](mailto:Kelsey.Oosterhoff@gov.bc.ca)>  
**Sent:** June-11-18 2:35 PM  
**To:** 'lands.engagement@gov.trtfn.com' <[lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com)>  
**Cc:** Rive, Torbjorn FLNR:EX <[torbjorn.rive@gov.bc.ca](mailto:torbjorn.rive@gov.bc.ca)>  
**Subject:** FW: Referral: Eric Unger Crown Grants DL905 & DL906

Good afternoon,

Please see attached notice of work for mineral exploration on the Eric Unger Crown Grants DL905 & DL906.

*Kelsey Oosterhoff*  
Authorizations Administrator  
Ministry of Energy, Mines and Petroleum Resources  
3726 Alfred Avenue Bag 5000  
Smithers, BC V0J 2N0  
Phone: 250-847-7383  
Email: [Kelsey.Oosterhoff@gov.bc.ca](mailto:Kelsey.Oosterhoff@gov.bc.ca)



**From:** whitney horne  
**To:** [Rive, Torbjorn FLNR:EX](#)  
**Cc:** [Schroff, Justin EMPR:EX](#); [John Rankin](#); [lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com)  
**Subject:** Re: Referral: Eric Unger Crown Grants DL905 & DL906  
**Date:** Wednesday, August 1, 2018 8:23:10 PM

---

Hi Tor, I just read the chain of emails and apologize for my previous response, thanks for confirming this application is not in the Blue Canyon RMZ, Mark Connor had clarified it is on the Weinah reserve.

Whitney Horne  
A/Lands Engagement Officer  
Taku River Tlingit First Nation  
Email: [lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com)  
Phone: (250)651-7900 ext.203

---

**From:** whitney horne s.22  
**Sent:** August 1, 2018 4:46:25 PM  
**To:** Rive, Torbjorn FLNR:EX  
**Cc:** Schroff, Justin EMPR:EX; John Rankin; [lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com)  
**Subject:** Re: Referral: Eric Unger Crown Grants DL905 & DL906

Hi Tor, I don't recall ever stating this application was in Blue Canyon, but on on the Weinah reserve. Please confirm if you recieved Mark Connor's comments for consideration on this file? Thanks,

Whitney Horne  
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Taku River Tlingit First Nation  
Email: [lands.engagement@gov.trtfn.com](mailto:lands.engagement@gov.trtfn.com)  
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---

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**Cc:** Schroff, Justin EMPR:EX  
**Subject:** Re: Referral: Eric Unger Crown Grants DL905 & DL906

Hi Whitney. This one doesn't land in the Blue Canyon RMZ, it's around 15 to 16km west of it. We have noted the application areas are located in the Atlin Community Zone. The guidelines in the LUP are as follows, and are being considered by Justin in his decision making process.

Thanks,  
-Tor

#### **Atlin / Wênàh Community Zone**

The Atlin / Wênàh Community Zone encompasses the area surrounding the town of Atlin, including a portion of the eastern side of Atlin Lake that is considered suitable for future community expansion. The zone defines preferred areas for residential, commercial and industrial land development. The zone boundaries correspond with the Atlin townsite and rural residential areas identified in the 1981 Atlin Official Community Plan.

The zone includes a long-standing village location for the Tlingits, named Wênàh after the alkali beds found along the shores of the small lakes, which attracted caribou.

#### **Management Intent for Atlin Community Zone / Wênàh**

- To support local economic development for the community of Atlin, and the maintenance of its rural character and quality of life

#### **Atlin Community Zone / Wênàh Implementation Direction**

- Subject to availability of resources, update the Official Community Plan for the Atlin Community Zone as shown on Map 18 in partnership with the Atlin Community Improvement District and in a manner consistent with the Government-to-Government *Land and Resource Management and Shared Decision Making Agreement*.
- Maintain the quality of visual landscapes from the Atlin townsite and the eastern shore of Atlin Lake, the Highway 7 road corridor, and Warm Bay Road.



---

**From:** whitney horne <s.22  
**Sent:** July-17-18 8:08 AM  
**To:** Lands Engagement Officer  
**Cc:** Oosterhoff, Kelsey EMPR:EX; Rive, Torbjorn FLNR:EX  
**Subject:** Re: Referral: Eric Unger Crown Grants DL905 & DL906

Good morning Tor, it looks like this application is in the Blue Canyon RMZ?? The Taku River Tlingit First Nation has expressed significant concerns with mining programs in this area and the cumulative impacts to this area and connecting ecosystems. TRTFN does not support this application as the maximum threshold of disturbance is felt to have been reached. This is also a valued hunting area intended for balanced mixed use, it is a further concern to TRTFN the proposed area of work overlaps with an existing outfitter area, and high value caribou and moose habitat and fish rearing streams.

Whitney Horne  
A/Lands Engagement Officer  
Taku River Tlingit First Nation  
Email: lands.engagement@gov.trtfn.com  
Phone: (250)651-7900 ext.203

---

**From:** Lands Engagement Officer <lands.engagement@gov.trtfn.com>  
**Sent:** July 16, 2018 3:23:03 PM  
**To:** 'whitney horne'  
**Subject:** FW: Referral: Eric Unger Crown Grants DL905 & DL906

---

**From:** Oosterhoff, Kelsey EMPR:EX <Kelsey.Oosterhoff@gov.bc.ca>  
**Sent:** June-11-18 2:35 PM  
**To:** 'lands.engagement@gov.trtfn.com' <lands.engagement@gov.trtfn.com>  
**Cc:** Rive, Torbjorn FLNR:EX <torbjorn.rive@gov.bc.ca>  
**Subject:** FW: Referral: Eric Unger Crown Grants DL905 & DL906

Good afternoon,

Please see attached notice of work for mineral exploration on the Eric Unger Crown Grants DL905 & DL906.

*Kelsey Oosterhoff*  
Authorizations Administrator  
Ministry of Energy, Mines and Petroleum Resources

3726 Alfred Avenue Bag 5000  
Smithers, BC V0J 2N0  
Phone: 250-847-7383  
Email: [Kelsey.Oosterhoff@gov.bc.ca](mailto:Kelsey.Oosterhoff@gov.bc.ca)



**From:** [Schroff, Justin EMPR:EX](#)  
**To:** [Davies, Howard EMPR:EX](#)  
**Cc:** [Ross, Andrea EMPR:EX](#)  
**Subject:** FW: Unger Hydromagnesite testing NOW - DL 905 and 906 - Completion of review and decision  
**Date:** Friday, August 3, 2018 1:55:00 PM  
**Attachments:** [1650934201801 No permit required.pdf](#)

---

Hi Howard,

Please see attached for your information, as I understand the project is contentious with the TRTFN and you may have to be aware of this. I have already discussed with Andrea.

-Justin

Justin Schroff, P.Geo.  
Inspector of Mines, Permitting  
Ministry of Energy, Mines and Petroleum Resources  
NW Region

Phone: 250-876-8462  
Email: [Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)

---

**From:** Schroff, Justin EMPR:EX  
**Sent:** Friday, August 3, 2018 1:50 PM  
**To:** 'Lands Engagement Officer'  
**Cc:** 'fisheries.steward@gov.trtfn.com'; Rive, Torbjorn FLNR:EX  
**Subject:** Unger Hydromagnesite testing NOW - DL 905 and 906 - Completion of review and decision

Hi Whitney,

Please see attached. A Notice of Work was submitted to MEMPR for the subject property, which was referred to your office on June 11, 2018 through the Shared Engagement process. A response was sent by Mark Conner on July 13, 2018, which I received on July 19, outlining TRTFN's concerns with the proposed test pitting program.

Partially due to the concerns raised by TRTFN and related information requests from MEMPR, the proponent has agreed to limit the proposed program to a testing program utilizing hand augers, rather than a test pitting program.

It is my opinion that this is among the least intrusive methods available for the proposed testing program. It should also be noted that testing by hand auger has been done multiple times in the past during studies of the hydromagnesite flats, albeit for scientific purposes.

Based on the low impact of the method, MEMPR has indicated to the proponent that they do not require a *Mines Act* permit for a testing program utilizing hand augers. Please note that this does not mean that MEMPR cannot declare the property a mine at any time, with justification, and therefore subject to the requirement for a permit. The proponent also does not have the authority/obligation to control access to the property per Part 1.3.1 – 1.3.3 of the Code.

For your records, a copy of the letter sent to the proponent is attached to this email.

Please do not hesitate to contact me or Torbjorn at any time to discuss.

Best regards,

Justin Schroff, P.Geo.  
Inspector of Mines, Permitting

BC Ministry of Energy, Mines and Petroleum Resources  
Northwest Region

2<sup>nd</sup> floor 3726 Alfred Ave  
Bag 5000, Smithers BC, V0J 2N0

Phone (cell): 250-876-8462  
Email: [Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)



August 3, 2018

File: 14675-20/1650934

Eric Unger and Maria Heissig  
Via email: [mheissig@primus.ca](mailto:mheissig@primus.ca)

**Re: Notice of Work dated March 14, 2018, and proposed change in method described August 2, 2018  
Kirk and All Right Fractional Crown Granted Mineral Claims, DL 905 and DL 906, Cassiar District**

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Dear Mr. Unger and Ms. Heissig:

Thank you for your Notice of Work application (NOW), submitted March 14, 2018. Thank you as well for subsequent emails clarifying the scope of work. MEMPR has most recently received an email on August 2, 2018, indicating that the original test pitting program will be modified to test holes using a hand auger. I have therefore considered your program as such – test holes, by hand auger, of 51 sites in the approximate configuration outlined in the mapping provided with the March 14, 2018 NOW. It is also understood that workers will be accessing the property on foot.

Due to the nature of the proposed work, a *Mines Act* permit is not required, and you may proceed with your test program utilizing hand augers. If you have already submitted the requested \$3,000 in reclamation securities, they will be returned to you on receipt.

Further proposed work must be submitted to an Inspector for review. Although this program does not require a *Mines Act* permit, any more advanced work is anticipated to require a permit and related NOW. The NOW should fully consider and discuss mitigations for health and safety concerns as well as protection and reclamation of the land, watercourses, and cultural heritage resources affected by the proposal.

As you are likely aware through your own engagement efforts, the Taku River Tlingit First Nation (TRTFN) have expressed opposition to mining activities and mechanized work on the hydromagnesite deposit partially covered by the Kirk and All Right Fractional Crown Granted mineral claims. Any future *Mines Act* permit applications will be referred to the TRTFN during consultation, and input from the TRTFN will be considered by the Inspector.

Please note that this applies only to the requirements under the Mines Act and Health, Safety and Reclamation Code for Mines in British Columbia (Code). Other legislation may be applicable to the operation and you may be required to obtain approvals or permits under that legislation. It is your responsibility to comply with the terms and conditions of all other permits and authorizations which you may have been issued and other applicable legislation.

If your work plans should change and more intensive exploration is anticipated, please submit another Notice of Work providing the appropriate information.

To clarify or discuss any of the above, please call this office.

Sincerely,

Justin Schroff, P.Geo.  
Inspector of Mines

---

**Ministry of Energy, Mines and  
Petroleum Resources**  
Mines and Mineral Resources  
Division

**Contact:**  
Telephone: (250) 847 7383  
Facsimile: (250) 847 7603

**Mailing Address:**  
Bag 5000  
Smithers, BC V0J 2N0

**Location:**  
2nd Flr - 3726 Alfred Ave  
Smithers, BC V0J 2N0

**From:** [deHoog, Carey M EMPR:EX](#)  
**To:** [Schroff, Justin EMPR:EX](#)  
**Subject:** RE: 1650934 - Unger/hydromagnesite  
**Date:** Tuesday, August 7, 2018 11:04:38 AM

---

Done!

---

**From:** Schroff, Justin EMPR:EX  
**Sent:** August 3, 2018 2:17 PM  
**To:** deHoog, Carey M EMPR:EX  
**Subject:** 1650934 - Unger/hydromagnesite

Hi Carey,

Because I don't want to mess anything up, I haven't closed this file off in MMS. They provided a modified scope of work which allowed me to waive the requirement for a permit.

Not sure of the best way to handle this – it's no permit required, but not as it was proposed. We can talk about it when I'm back in the office, or Andrea can make a call on it, but basically the application is done. If they've already sent the bond we need to return it to them as well.

Thanks!

-Justin

Justin Schroff, P.Geo.  
Inspector of Mines, Permitting

BC Ministry of Energy, Mines and Petroleum Resources  
Northwest Region  
2<sup>nd</sup> floor 3726 Alfred Ave  
Bag 5000, Smithers BC, V0J 2N0

Phone (cell): 250-876-8462  
Email: [Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)

**From:** [deHoog, Carey M EMPR:EX](#)  
**To:** [Schroff, Justin EMPR:EX](#)  
**Subject:** RE: NOW DL 905 and 906 File:14675-20/1650934  
**Date:** Wednesday, August 8, 2018 9:12:25 AM

---

Will do!

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**From:** Schroff, Justin EMPR:EX  
**Sent:** August 8, 2018 9:10 AM  
**To:** deHoog, Carey M EMPR:EX  
**Subject:** FW: NOW DL 905 and 906 File:14675-20/1650934

Hi Carey, s.22 can I put a BF on #1650934 for September 6? Thanks!

Justin Schroff, P.Geo.  
Inspector of Mines, Permitting  
Ministry of Energy, Mines and Petroleum Resources  
NW Region

Phone: 250-876-8462  
Email: [Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)

---

**From:** Schroff, Justin EMPR:EX  
**Sent:** Wednesday, August 8, 2018 9:07 AM  
**To:** 'Maria Heissig'  
**Cc:** Ross, Andrea EMPR:EX  
**Subject:** RE: NOW DL 905 and 906 File:14675-20/1650934

Hi Maria, I am briefly delayed this morning so wanted to take the time to respond to this as best I can at the moment.

Unfortunately I am focused on priorities other than permitting for the next several weeks. I will not be able to attend to your request until the start of September at the earliest.

I'd encourage other approaches within the scope of the work below the requirement for a permit as discussed in my letter.

I recognize this is not ideal but we are heavily invested in inspections and projects at the moment. Thank you for your understanding. I have included my supervisor on this email so she is aware of my messaging. As this is my file she will most likely forward any questions specific to the project back to me.

Best regards,

Justin Schroff, P.Geo.  
Inspector of Mines, Permitting  
Ministry of Energy, Mines and Petroleum Resources  
NW Region

Phone: 250-876-8462  
Email: [Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)

---

**From:** Maria Heissig [<mailto:mheissig@primus.ca>]  
**Sent:** Tuesday, August 7, 2018 1:56 PM

**To:** Schroff, Justin EMPR:EX  
**Subject:** Re: NOW DL 905 and 906 File:14675-20/1650934

Good Afternoon Justin,

In my letter to you on Aug 2nd,2018 I have said the following about your insistence using hand augers only instead of hand shovels :” We are not certain that we can achieve our initial objectives within your set parameters but are willing to try as this seems to be the only way forward according to your reply of July30th,2018.”

For the last three days Aug 4th,5th and 6th at various locations on our Hydromagnesite deposit we have used Dutch Edelman augers in our attempt to establish the thickness of the mineral layer.

However, by using these augers you insisted we use , we were unable to get past the fluffy surface layer of about 20cm of the deposit. The rest of the layer has such density that the augers just would not go deeper no matter how much elbow grease and sweat was applied. The front end of two augers got bent out of shape in our attempt to dig past the softer upper layer. As you know, and have pointed out to me that a Dutch Edelman auger , had been used by Ian Power in his study of the southeastern Playa of the Hydromagnesite Deposit, which has a much different density from the Northern Playa, where our deposit is situated. We are unable to meet our work objective to establish the thickness of the mineral layer and to further analysis of the mineral layers and therefore we need your approval to hand test pit the mineral layer.

We will keep the surface impact to a minimum , just hand dig with a shovel to a max 1.20 m in depth with about 51 test pits in total as applied in our NOW. We know that hand digging with a shovel works as it was successful done in the past.

I’m awaiting your approval.

Thank you,

Maria

On Aug 3, 2018, at 1:48 PM, Schroff, Justin EMPR:EX  
<[Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)> wrote:

Good afternoon Maria:

Please see attached.

Best regards,

Justin Schroff, P.Geo.  
Inspector of Mines, Permitting  
Ministry of Energy, Mines and Petroleum Resources  
NW Region

Phone: 250-876-8462  
Email: [Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)

---

**From:** Maria Heissig [<mailto:mheissig@primus.ca>]  
**Sent:** Thursday, August 2, 2018 4:30 PM  
**To:** Schroff, Justin EMPR:EX

**Subject:** Re: NOW DL 905 and 906 File:14675-20/1650934

Good Afternoon Justin,

In an effort to move our file forward after an additional 2 month back and forth with MEMPR since my arrival in Atlin on June 3rd and as per your request and suggestion, we will only use hand augers for our hand sampling work with extensions in an attempt to measure the thickness of the mineral layers and to collect the necessary samples for analysis of the layer.

We also will attempt to limit, where possible, the test surface area to 0.5mx0.5m, as suggested by you, but may exceed it in site specific circumstances to a larger disturbance as it is difficult to predict these matters before hand. In addition to the said surface area for test pitting, we also need surface space for the scooped mineral around the test hole plus need trails to get to and from the proposed test sites.

We are not certain that we can achieve our initial objectives within your set parameters but are willing to try as this seems to be the only way forward according to your reply of July30th,2018.

I have already submitted the MERP and the CFP to Kelsey Oosterhoff and will mail the cheque for \$3,000.00 on Saturday August the 4th from Whitehorse, Yukon to Carey deHoog in Smithers.

I trust that this satisfies all your requirements to move forward to permit our NOW.

Best Regards,  
Maria

On Jul 30, 2018, at 2:09 PM, Schroff, Justin EMPR:EX  
<[Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)> wrote:

Good afternoon Maria,

My apologies for the length of this response. As I will discuss, after TRTFN's response on the file I conducted a more thorough review of the program, with some attention paid to the pits themselves and related considerations. Please note there are certain items, which I have highlighted below, which need to be addressed.

The proposed test pitting program, when presented to the Taku River Tlingit First Nation (TRTFN) during consultation, was noted to be of concern to TRTFN for several reasons, among them:

“The TRT Lands Department feels that the scale of the proposed activity exceeds what would reasonably be considered a ‘hand tool’ operation.”

Several concerns around impacts to ecosystems and wildlife were also raised. While not directly noted to relate to the scale of proposed work, impacts to wildlife would be partially related to scale of disturbance.

On receipt of these comments, I returned to evaluation of the work program with a principal question of: **What minimum level of disturbance would be required to complete the proposed objective (to establish the depth/thickness of the deposit and to take samples for analysis) by hand-dug test pits, and what would be the considerations?** It should be noted that exploring this question was done to a much greater depth at this stage than during initial review of the application, which was done to ensure accuracy, consistency and completeness of the application prior to sending for referral.

I sought and you provided clarification on the rationale for the proposed scale of work. In your email you indicated that a total area of 0.02 ha of disturbance (not 0.2 ha as described in the original application) would be required. The scale of disturbance described in the 0.02 ha figure does not fully consider all implications – temporary disturbance such as the piles beside each hole during excavation, and longer-term disturbance such as foot trails from walking were not discussed – but I am largely satisfied that the level of proposed disturbance would be manageable.

However, during review of available information other concerns were identified and explored in detail.

The proposed 2m x 2m size of test pits (51 test pits proposed) are not an unusual scale for exploration test pitting. However, that scale is exclusively (in my experience in BC) related to excavation by machinery. Depending on the depth of the pit, in digging pits of this size at least 2 – 3 tonnes of material would have to be excavated from each pit to achieve a workable geometry for sampling at the bottom of each pit. **This is a substantial amount of material to be moved by hand, requiring controls and other measures to be in place per Part 1.9.1 of the Code to ensure that stress from this scale of digging is managed in such a way as to not result in musculoskeletal disorders or other injury.**

This amount of material (100 – 150 tonnes total in the requested 1 year program) may indeed be an underestimate. The proposed 2m x 2m size would not allow for sampling below 2m depth in most cases, which would not allow the objective of determining the depth of the deposit to be met; larger pits would be required, with related increases in overall tonnage. To meet all provisions of the Code in ideal materials – which, as discussed below, is not likely to be the situation at most sites – deeper samples (~3m from surface) would require excavating **10 – 20 tonnes of material** to achieve proper sloping or providing room to put appropriate shoring in place. **This level of work, depth, and risk (even in idealized materials) would require detailed work plans in advance of digging the pit, and on-site visits by a qualified professional engineer.** More to the point, I am of the opinion that the proposed program is not likely to be feasible given the limits of the methodology, even if many workers were on site.

Excavation into the hydromagnesite deposit would, in most if not all sample sites, intersect the water table (Power, et al, 2014, again presents a good illustration of this in Figure 9 – please see [https://www.researchgate.net/publication/261331640\\_A\\_depositional](https://www.researchgate.net/publication/261331640_A_depositional)



model for hydromagnesite-magnesite playas near Atlin British Columbia Canada). The entire area is near the elevation of adjacent water bodies (e.g. bogs, creeks), and some of the test sites are within wetlands. This raises a significant concern around excavation, and proposed human entry of that excavation, into materials under hydrostatic pressure. This presents a significant safety risk. In accordance with Part 4.17.1(4) of the Code this would require that all excavation work be done with the written instructions of a professional engineer. Furthermore, I have concerns that the saturated excavation walls would hold while workers were within the pit, sampling. Indeed I have concerns that the method would be *possible* given the irregular behaviour of saturated soils. If this program were to proceed as proposed, both a detailed pre-work site investigation and development plan would have to be developed by a qualified professional engineer, and regular on-site assessments would have to be done during work by a qualified professional engineer, prior to entry into any excavations >1.2m.

A number of peer-reviewed scientific papers have been written about the hydromagnesite playas near Atlin. These include the paper by Power et al. (2014). In that paper, the discussion of sampling methodology indicates sample depths of up to 4m were reached by using a soil auger. It is recognized that this was not likely an easy feat. However, the proposed sampling methodology, where multiple tonnes of material would have to be shovelled by hand, would be massively work-intensive. Commercially available soil augers can be found easily, with connectors providing extensions to a variety of depths. I cannot accept an assertion that taking samples by auger at each test site (taking “muscle power, a lot of sweat and a sharp blade”) would be somehow more difficult than moving such a large amount of material by shovel to achieve the same objective. Additional rationale will need to be provided if you wish MEMPR to accept that assertion.

To be clear, I do not find reason to be concerned with a sampling program that utilized soil augers. Besides the fact that other workers have utilized this method on the deposit, mostly for scientific study purposes, I am of the opinion that utilizing soil augers are one of the least intrusive methods available to meet the objective of this program, at the proposed sample size (~150g per sample, ~50-100kg total). Other methods may be available and MEMPR welcomes alternative suggestions.

Best regards,

Justin Schroff, P.Geo.  
Inspector of Mines, Permitting  
Ministry of Energy, Mines and Petroleum Resources  
NW Region

Phone: 250-876-8462  
Email: [Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)

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**From:** Maria Heissig [<mailto:mheissig@primus.ca>]  
**Sent:** Thursday, July 26, 2018 12:20 PM  
**To:** Schroff, Justin EMPR:EX  
**Subject:** Re: NOW DL 905 and 906 File:14675-20/1650934

Hello Justin,

The Notice of Work should have read 0.02ha instead of 0.2ha. My apologies for this confusion.

This will give us a 2mx2m or 4 square m per test pit for a total of 200 square m test area . We require 4 square m per pit as we expect that most of the depth of our Hydromagnesite will be in excess of 1.2m but less than 3m, which requires us according to MEMPR regulations , to slope or to reinforce the side walls of the pit if a person enters into it to gather and record the necessary info per test site. Space is needed at the bottom of the pit for safety reasons and do the necessary work which unfortunately requires a larger surface disturbance. Considering the said,therefore, it is absolutely impossible and unreasonable to ask us to commit to a 0.5mX0.5m surface disturbance as each test pit is site specific.

We will attempt to use hand augers for shallower areas and where the mineral allows us to do so as it is not our intend to disturb the surface area more than necessary for the work we need to do.

However, past Hydromagnesite sampling work has proven the hand augers to be of very limited use due to the fact that the Hydromagnesite is very dense and gets denser with depth and it takes muscle power ,a lot of sweat and a sharp blade to dig through the layers to reach the bottom of the deposit. Also the maximum reach of a hand auger is only 47 inches which is about 1.2m which would requires us to limited our work objective and also at that stage we would need to work on our knees and using our arms to dig and scoop through very dense mineral layers without reaching the bottom of the deposit. With regards to your question regarding stockpile ,we require very detailed samples per test hole.

The total amount of testing material is estimated but not limited to 50-100 kg depending on the depth and visual evaluation at each test site.

Hope this answers all of your questions. Please let me know if you can move forward on our file in order to get all necessary MEM requirements in place in order to commence this work as soon as possible.

Best Regards,

Maria

**Maria Heissig**

Director  
Lake Atlin Waterfront Place  
2735 Bushland Crescent  
Mississauga, Ontario L5J-1X8  
(905)823-6963 [mheissig@primus.ca](mailto:mheissig@primus.ca)  
[www.lakeatlinwaterfrontplace.ca](http://www.lakeatlinwaterfrontplace.ca)

From: [Schroff, Justin EMPR:EX](#)  
To: [Ross, Andrea EMPR:EX](#)  
Subject: RE: File 14675-20/1650934  
Date: Wednesday, August 15, 2018 11:45:00 AM

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Hi Inspector Ross,

s.13

Can I ask that you respond briefly to her that we have discussed and I have committed to making room to evaluate the request early next week and that they will receive a response by August 21?

s.13

Can respond directly if you prefer I take that route.

Justin Schroff, P.Geo.  
Inspector of Mines, Permitting  
Ministry of Energy, Mines and Petroleum Resources  
NW Region

Phone: 250-876-8462  
Email: [Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)

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**From:** Ross, Andrea EMPR:EX  
**Sent:** Wednesday, August 15, 2018 11:35 AM  
**To:** Schroff, Justin EMPR:EX  
**Subject:** Fwd: File 14675-20/1650934

Are you able to respond to this?

A

Begin forwarded message:

**From:** Maria Heissig <[mheissig@primus.ca](mailto:mheissig@primus.ca)>  
**Date:** August 15, 2018 at 11:24:01 AM PDT  
**To:** <[Andrea.Ross@gov.bc.ca](mailto:Andrea.Ross@gov.bc.ca)>  
**Subject:** File 14675-20/1650934  
**Reply-To:** <[mheissig@primus.ca](mailto:mheissig@primus.ca)>

Good Morning Inspector Ross,

After 10 weeks of back and forth with the MEMPR we need to get your decision whether or not we can finally proceed with our Hand sampling work using shovels to a depth of less than 1.2 m as outlined in our NOW submitted March 25th,2018.  
We cannot wait until September,as per e mail from Inspector

Schroff, because weather conditons at this time of the year would make our work program very difficult to do. Weather wise we only have a small window of opportunity left. Would you please make a decision on our file now in order for us to learn if we can start our non mechanized hand work program using shovels.

Thank you and look forward to York reply.

Maria Heissig

[mheissig@primus.ca](mailto:mheissig@primus.ca)

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From: [Ross, Andrea EMPR:EX](#)  
To: ["mheissig@primus.ca"](mailto:mheissig@primus.ca)  
Cc: [Schroff, Justin EMPR:EX](#)  
Subject: RE: File 14675-20/1650934  
Date: Thursday, August 16, 2018 8:58:47 AM

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Hello Maria,

Thank you for your email.

Justin and I have discussed this and your request to have a decision sooner than September. It is a very busy time of year for us as we are in the field conducting inspections. Justin has committed to looking at this early next week and you can anticipate a response by August 21.

Best Regards,  
Andrea

-----Original Message-----

From: Maria Heissig [<mailto:mheissig@primus.ca>]  
Sent: Wednesday, August 15, 2018 11:24 AM  
To: Ross, Andrea EMPR:EX  
Subject: File 14675-20/1650934

Good Morning Inspector Ross,

After 10 weeks of back and forth with the MEMPR we need to get your decision whether or not we can finally proceed with our Hand sampling work using shovels to a depth of less than 1.2 m as outlined in our NOW submitted March 25th, 2018.

We cannot wait until September, as per e mail from Inspector Schroff, because weather conditions at this time of the year would make our work program very difficult to do.

Weather wise we only have a small window of opportunity left.

Would you please make a decision on our file now in order for us to learn if we can start our non mechanized hand work program using shovels.

Thank you and look forward to York reply.

Maria Heissig  
[mheissig@primus.ca](mailto:mheissig@primus.ca)

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**From:** [deHoog, Carey M EMPR:EX](#)  
**To:** [Schroff, Justin EMPR:EX](#)  
**Subject:** Re: File : NOW DL 905 and 906 File:14675-20/1650934  
**Date:** Monday, September 10, 2018 9:01:54 AM

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Ok good to know. Have a good week!

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**From:** Schroff, Justin EMPR:EX  
**Sent:** September-10-18 9:01:07 AM  
**To:** deHoog, Carey M EMPR:EX  
**Subject:** RE: File : NOW DL 905 and 906 [File:14675-20/1650934](#)

Yeah I asked Kelsey to send it back last week or the week prior, so it should be on its way.

Justin Schroff, P.Geo.  
Inspector of Mines, Permitting  
Ministry of Energy, Mines and Petroleum Resources  
NW Region

Phone: 250-876-8462  
Email: [Justin.Schroff@gov.bc.ca](mailto:Justin.Schroff@gov.bc.ca)

-----Original Message-----

**From:** deHoog, Carey M EMPR:EX  
**Sent:** Monday, September 10, 2018 9:00 AM  
**To:** Schroff, Justin EMPR:EX  
**Subject:** Fw: File : NOW DL 905 and 906 [File:14675-20/1650934](#)

FYI...  
Carey

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**From:** Maria Heissig <[mheissig@primus.ca](mailto:mheissig@primus.ca)>  
**Sent:** September-10-18 8:56:58 AM  
**To:** deHoog, Carey M EMPR:EX  
**Subject:** File : NOW DL 905 and 906 [File:14675-20/1650934](#)

Good Morning Carey,

Would you please return my cheque in the amount of \$3,000.00 as there has been no permit issued for the above named file.

Please mail to: Maria Heissig  
2735 Bushland Crescent  
Mississauga, Ontario  
L5J 1X8.

Thank you,  
Maria



<b>Applicant</b>	Company Name: Eric Unger Contact Name: Eric Unger Contact Telephone: 905-823-6963 Contact email: <a href="mailto:mheissig@primus.ca">mheissig@primus.ca</a>			<b>Project/ Property Proposal:</b>	Kirk & All Right Fractional Mineral Crown Grants		
<b>File #'s:</b>	BC Office: MEMPR Lead Agency File # 1650934      CRTS #			TRT File #			
<b>Taku River Tlingit Contact:</b>		Whitney Horne, <a href="mailto:lands.engagement@gov.trtfn.com">lands.engagement@gov.trtfn.com</a>					
<b>British Columbia Contact:</b>		Torbjorn Rive, <a href="mailto:Torbjorn.rive@gov.bc.ca">Torbjorn.rive@gov.bc.ca</a> , 250-847-7318 Justin Schroff, <a href="mailto:Justin.schroff@gov.bc.ca">Justin.schroff@gov.bc.ca</a> , 250-847-7310					
<b>Authoriz.</b>	<b>Act: Mines Act</b>		<b>Act Information: Section 10 permit application</b>				
	<b>Act:</b>		<b>Act Information:</b>				
<b>Primary Authoriz.: (select one)</b>	<input type="checkbox"/> Engagement Initiated by TRT Department <input checked="" type="checkbox"/> New authorization with new activities and potential impacts <input type="checkbox"/> Change of activity extent or type on existing authorization with potential new impacts <input type="checkbox"/> Term/timeline of extension of an existing authorization <input type="checkbox"/> Administrative change (e.g. proponent name) <input type="checkbox"/> No Authorization Required – notification of work <input type="checkbox"/> other						
<b>Location</b>	The proposed project is located approximately 1 km from Atlin. The south end of the Crown Grants crosses Surprise Lake road.						
<b>Geomark or shapefile</b>	<a href="http://apps.gov.bc.ca/pub/geomark/geomarks/gm-0A15700A61D44341B742CE57DB8A7700">http://apps.gov.bc.ca/pub/geomark/geomarks/gm-0A15700A61D44341B742CE57DB8A7700</a>						
<b>BC Proposed Engagement Level</b>			<b>TRT Proposed Engagement Level</b>				
Category	Activity Type:			<input type="checkbox"/> Level 1	<input type="checkbox"/> Level 2	<input type="checkbox"/> Level 3	<input type="checkbox"/> Level 4
	I	II	III	BC Rationale: The project is non-mechanized test pitting by shovel. However, it is not activity type 0, as MEMPR has determined a permit is required for the proposed work. MEMPR considers the project to be Type 1 under "General Activity types".		TRT Rationale	
None	<input type="checkbox"/> Level 1	<input type="checkbox"/> Level 2	<input type="checkbox"/> Level 2				
A	<input type="checkbox"/> Level 1	<input type="checkbox"/> Level 2	<input type="checkbox"/> Level 2				
B	<input type="checkbox"/> Level 1	<input type="checkbox"/> Level 2	<input type="checkbox"/> Level 3				
C	<input checked="" type="checkbox"/> Level 1	<input type="checkbox"/> Level 2	<input type="checkbox"/> Level 3				
<b>Batched</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Response</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Final Engagement Level</b>	<input type="checkbox"/> Level 1	<input type="checkbox"/> Level 2	<input type="checkbox"/> Level 3	<input type="checkbox"/> Level 4

NoW Received by BC	A (version 1)	B	C (version 2)	D (version 3)
	BC Information Package Received	Engag. Level Confirm	TRTFN Information Package due	TRTFN and BC Recommendations due
March 14, 2018	(Level 1-3 Engagement timelines)	B= A+ 5 working days	C= B + 15 working days	If engagement level 2: d=c+ 15 working days If engagement level 3: d=c+ 30 working days
Forecast timelines:	June 11, 2018	June 18, 2018	XXX,XX,XXXX	XXX,XX,XXXX
Actual Timeline	XXX,XX,XXXX	XXX,XX,XXXX	XXX,XX,XXXX	XXX,XX,XXXX
Request for timeline extension <input type="checkbox"/> Yes <input type="checkbox"/> No Days:			Issues Resolution Process <input type="checkbox"/> Yes <input type="checkbox"/> No	

**Communications Record/Engagement Record Version**



From:	To:	Date:	How/what	Comments
XXX XXXXX	XXXXXX	XX,XX,XXXX	Email vers 1	Engagement package
XXX XXXXX	XXXXXX	XX,XX,XXXX	Email vers 2	TRT information sharing
XXX XXXXX	XXXXXX	XX,XX,XXXX	Phone/email vers 3	BC and shared Recommendations

Known Values - Wóoshtin wudidaa Atlin Taku Land Use Plan				
Component	BC		TRTFN	
	Yes	Comments	Yes	Comments
<u>Cultural Sites</u>	<input type="checkbox"/>		<input type="checkbox"/>	
<u>Salmon EMA</u>	<input type="checkbox"/>		<input type="checkbox"/>	
<u>Salmon CHA</u>	<input type="checkbox"/>		<input type="checkbox"/>	
<u>Tlingit Cultural Trails</u>	<input checked="" type="checkbox"/>	Strategic cultural trail running parallel to Surprise Lake road. Any work must be performed under an archaeological Chance Find Procedure.	<input type="checkbox"/>	
<u>Area SMZ</u>	<input type="checkbox"/>		<input type="checkbox"/>	
<u>Sensitive Ecosystems</u>	<input checked="" type="checkbox"/>	The hydromagnesite flats that underlie the property are a sensitive ecosystem. The proponent's program is limited in scope and impact by its nature using hand shovels. However, any activities would be required to be conducted in the least sensitive timing windows for ungulates who may use the hydromagnesite as a mineral lick.	<input type="checkbox"/>	
<u>Protected Area</u>	<input type="checkbox"/>		<input type="checkbox"/>	
<u>Wildlife Habitat</u>	<input checked="" type="checkbox"/>	The area overlaps habitat for moose and grizzly bear. Bear awareness training would be required and as noted above, no work could occur during sensitive times for moose including calving.	<input type="checkbox"/>	
Known Values – Other BCGW/ILRR Data Sources and Local Knowledge				
Cultural	<input type="checkbox"/>		<input type="checkbox"/>	42T
Fish/Aquatic	<input type="checkbox"/>		<input type="checkbox"/>	
Wildlife	<input checked="" type="checkbox"/>	The proposed area overlaps habitat for the Atlin caribou herd. As indicated in the ATLUP, moose and bear could also	<input type="checkbox"/>	





Known Values - Wóoshtin wudidáa Atlin Taku Land Use Plan				
Component	BC		TRTFN	
	Yes	Comments	Yes	Comments
		be expected.		
Terrestrial	<input type="checkbox"/>		<input type="checkbox"/>	
Other	<input type="checkbox"/>		<input type="checkbox"/>	

## **PROVINCIAL INFORMATION SHARING**

### **Property History**

The property is a long-standing package of Crown granted mineral claims. Mining activities have been limited to sporadic prospecting.

### **Location and Geography/Physiology**

The property is located north of the Surprise Lake road, near the junction with Warm Bay road. The property area is flat and bound by wetlands. The hydromagnesite flats are a known landmark.

### **Detailed Program Description**

The proponent has proposed a test pitting program using hand shovels. In total, 51 sites are proposed for testing, with a total estimated disturbance of 0.20ha. The proponent has clearly indicated that no mechanized equipment would be used and no trails would be put in place.

### **Land Use Plan and Wildlife Overlaps**

The hydromagnesite flats are identified as a sensitive ecosystem in the ATLUP. While there are few specific mapped wildlife overlaps (part of the range of the Atlin caribou herd, with expected bear and moose presence per the ATLUP) the potential for use of the area as a mineral lick may result in a somewhat elevated ungulate presence.

### **Cultural Heritage Overlaps**

There is a strategic cultural trail that runs parallel to Surprise Lake Road. It should also be noted that the area is a local landmark and an unusual ecosystem, with influences on key wildlife species, as well as being important to the local community from a visual and recreational use perspective.

### **Mitigation Measures**

The proponent must follow an archaeological chance find procedure.

The potential for impacts to wildlife are minimized by the lack of mechanized equipment to be used for the program. Furthermore, any activities would be restricted to summer months to minimize impacts to ungulates during sensitive periods (such as calving).

Reclamation securities have been set as a requirement for this property; normally that is not the case for hand work. However, MEMPR has taken that step for this project to ensure that in the unlikely event that any hand-dug pits are inadequately reclaimed, funds are in place to remedy any shortfalls.



### Rational for Consultation Level

Activity type 0 includes “non-mechanized activities legally permitted without provincial authorization”; as MEMPR has indicated to the proponent that they require a permit for these activities despite their non-mechanized nature, Type 0 does not apply. As the activities also do not meet the criteria for Type I under Mineral Exploration, MEMPR considers them to be Type I under “General Activity Types”. Thus **Level 1** engagement is proposed.

Attachments:

Amended NOW, 2016 IAS

### TAKU RIVER TLINGIT INFORMATION SHARING

Describe any additional information on known values, initial recommendations or preliminary proposed mitigation measures to address potential impacts to those known value

Respond to BC’s initial recommendations

Provide additional comments or information

List any relevant attachments

### RECOMMENDATIONS TIMELINE

	Date	Days	Total Days
Info pkg Rec	Automatic from TRT info pack date	0	
TRT Rec	xx/xx/xxxx		
BC Rec	xx/xx/xxxx		
Consensus Rec	xx/xx/xxxx		

### RECOMMENDATION DISCUSSION

Topic:		Act:
Discussion:		
Consensus Recommendations Achieved <input type="checkbox"/> Yes <input type="checkbox"/> No		Consensus Recommendations with other FN <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Consensus Recommendations:</b> Summarize consensus recommendations.	<b>BC Recommendations:</b> Summarize recommendations.	<b>TRT Recommendations:</b> Summarize recommendations.



**NOTIFICATION OF SHARED DECISION(s)**

(repeat notification for multiple authorizations)

<b>Topic:</b>	<b>Act:</b>
<b>Statutory Decision Maker</b>	
<b>Is the Statutory Decision consistent with the Consensus Recommendation</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>If different, Provincial DM Decision Rationale (for select and requested Level 2 and above)</b>	

<b>Completion of Engagement</b>			
BC Completed <input type="checkbox"/> Yes		TRT Completed <input type="checkbox"/> Yes	
Ranking Engagement Result (1= high satisfaction 5 = high dissatisfaction)		Ranking Engagement Result (1= high satisfaction 5 = high dissatisfaction)	
BC Comments:		TRT Comments:	