July 31st, 2017

Karen Kharatyan
Manager of Licensing
Nunavut Water Board
P.O Box 119
Gjoa Haven, NU X0B 1J0

Shanley Thompson
Technical Advisor II
Nunavut Impact Review Board
Cambridge Bay, NU

Re: Water License 2AM-MEL1631 Part D, Item 3 / NIRB Project Certificate 11MN034 Condition 18 - Submission of Construction Summary Report for Channel 2

Madam, Sir,

Channel 2 was constructed in 2015. At that time, no Part D Items 1&2 application package was provided to the NWB. In accordance with Water License 2AM-MEL1631, Part D, Item 3 and Schedule D, and Project Certificate 11MN034 Condition 18, please find enclosed with this letter, a copy of the Construction Summary Report for Channel 2.

The construction of Channel 2 generally followed the design drawing, except for the following:

- The alignment of the channel remained the same, while the length was increased by 1.5m.
- The average depth of the excavation for the channel is shallower than the proposed channel by 0.167m.
- The average bottom width of the channel was wider by 0.257m. The largest bottom width is 1.533m at 0+200, and the smallest is 0.781m at 0+140.
- The average side slope of the riprap is 1V:1.82H while the plans specified a slope of 1V:2.5H.
- The average thickness of riprap is 0.277m which is lower than the minimum specified amount of 0.3m. The lowest depth of riprap is 0.196m at 0+160, while the highest depth is 0.425m at 0+200.

Should you have any questions regarding this submission, do not hesitate to contact me.

Regards,

Agnico Eagle Mines Limited – Meliadine Division

Manon Turmel
Environmental Compliance Counselor
manon.turmel@agnicoeagle.com
819-759-3555 x8136

CONSTRUCTION SUMMARY (AS-BUILT) REPORT FOR CHANNEL2
MELIADINE PROJECT, NUNAVUT

PRESENTED TO
Agnico Eagle Mines Ltd.

JULY 2017
ISSUED FOR USE
TETRA TECH PROJECT NUMBER: 28920
AGNICO EAGLE DOCUMENT NUMBER: 6515-C-230-005-230-REP-003

Tetra Tech
5100, Sherbrooke street east, suite 400
Montreal, QC H1V 3R9, CANADA
Tel 514.257.1112 Fax 514.257.0717

EXECUTIVE SUMMARY

Tetra Tech was retained by Agnico Eagle Mines Limited (Agnico Eagle) to prepare a construction summary (as-built) report for Channel2 at the Meliadine Gold Project, Nunavut. Tetra Tech previously prepared the design drawing for construction of Channel2 in September 2015.

Tetra Tech was not involved in the construction of Channel2. The information presented in this report was provided by Agnico Eagle.

The construction of Channel2 was completed in 2015. The construction monitoring was managed by Agnico Eagle.

This report summarizes the construction as-built information for Channel2.

TABLE OF CONTENTS

APPENDICES

1.0 INTRODUCTION

Agnico Eagle Mines Limited (Agnico Eagle) retained the services of Tetra Tech to carry out the planning and design works associated with the Water and Environment and the Civil Works components of the Meliadine Project, a gold mine located approximately 25 km north from Rankin Inlet, and 80 km southwest from Chesterfield Inlet in the Kivalliq Region of Nunavut. Tetra Tech previously prepared the design drawing for construction of Channel2 in September 2015. Channel2 is located around a UTM (NAD83, Zone 15) coordinate of 538,950E and 6,990,387N. As part of the scope of work, Agnico Eagle asked Tetra Tech to:

- Conduct a detailed design for the channel, as part of the 2015 civil work construction schedule;
- Produce construction drawings and specifications for the channel;
- Prepare design and construction summary reports of the channel.

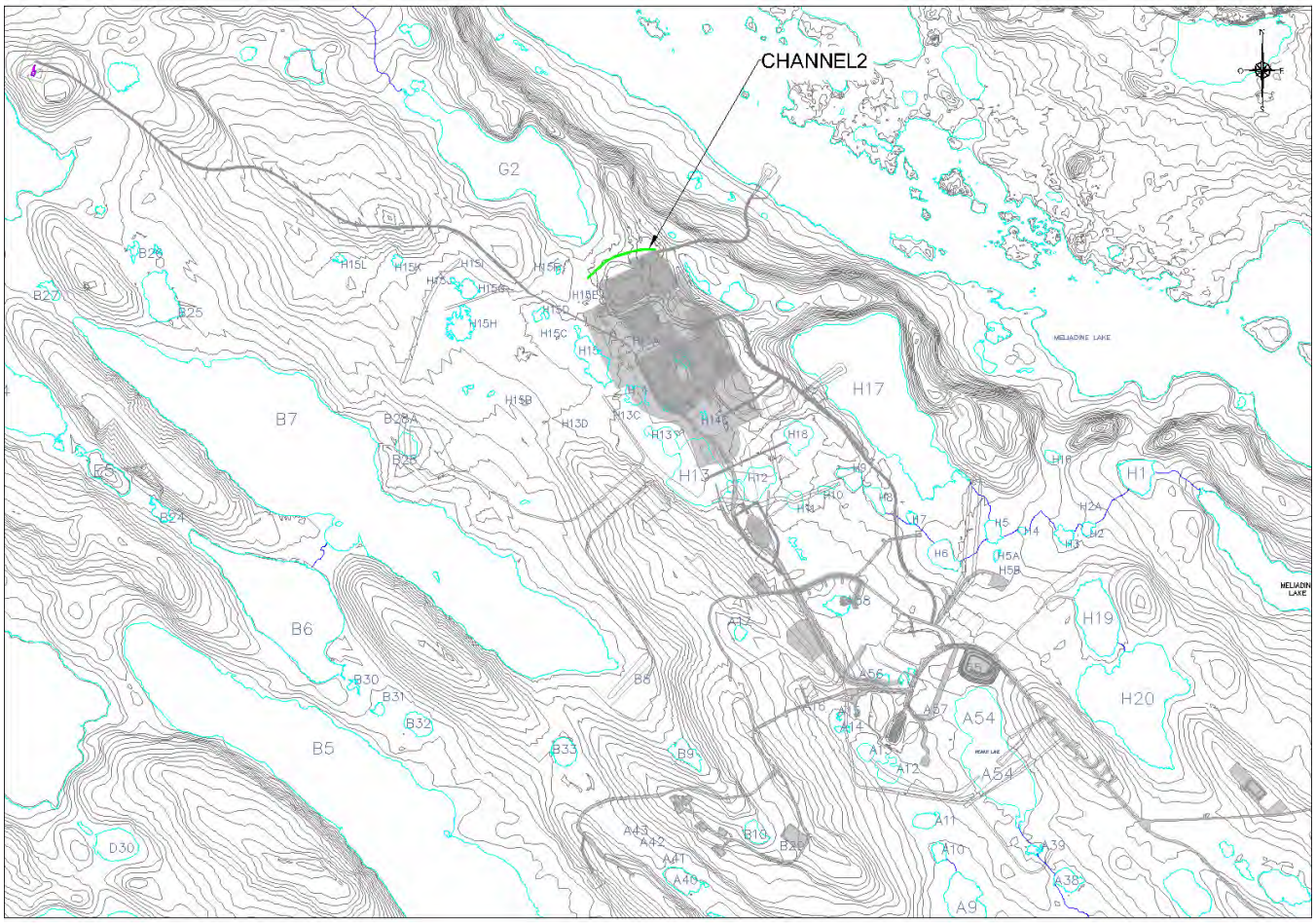
As required by the Water Licence A, this report summarizes the construction work of Channel2 north of the industrial site which diverts water away from the industrial pad. Included in this report is:

- A summary of the characteristics of the channel;
- Documentation on field decisions that deviate from original plans;
- As-built drawings;
- A survey drawing conducted after the construction of Channel2;
- Photographs of channel2.

2.0 SUMMARY OF THE CONSTRUCTION

2.1 Site location plan

The figure below presents a site location plan.



2.2 Construction schedule

The construction for Channel2 was completed in 2015.

2.3 Channel characteristics

The channel characteristics and estimated in-place quantities are presented in the table below. For erosion control purposes, riprap was installed in the bottom of the channel.

Item	Channel2
Excavation	1 114 m^3
Riprap	569 m^3
Geotextile	1 636 m^2
Length	268 m
Bottom Width	1 m
Side Slope	1V:2.5H
Riprap Minimum Thickness	0.3 m

2.4 Drawings and photographs

As-built drawings are presented in Appendix A.

A survey drawing conducted after the construction of Channel2 can be found in Appendix B.

Aerial Photographs of the location of Channel2 after construction is shown in Appendix C.

3.0 DOCUMENTATION ON FIELD DECISIONS THAT DEVIATE FROM ORIGINAL PLANS

The construction of Channel2 generally followed the design drawing, except for the following:

- The alignment of the channel remained the same, while the length was increased by 1.5m.
- The average depth of the excavation for the channel is shallower than the proposed channel by 0.167m.
- The average bottom width of the channel was wider by 0.257m. The largest bottom width is 1.533m at 0+200, and the smallest is 0.781m at 0+140.
- The average side slope of the riprap is 1V:1.82H while the plans specified a slope of 1V:2.5H.
- The average thickness of riprap is 0.277m which is lower than the minimum specified amount of 0.3m. The lowest depth of riprap is 0.196m at 0+160, while the highest depth is 0.425m at 0+200.

The channel geometry and characteristics were adjusted to site conditions. The table below presents the changes between the proposed work and the actual work.

Item	Proposed	Actual	Deviations
Length	268 m	269.5 m	+ 1.5 m
Depth (avg.)	1.956 m	1.789 m	- 0.167 m
Bottom Width (avg.)	1.0 m	1.257 m	+ 0.257 m
Side Slope (avg.)	1V:2.5H (40%)	1V:1.82H (55%)	Steeper
Riprap Thickness (avg.)	0.3 m	0.277 m	- 0.023 m

4.0 LIMITATIONS OF REPORT

This report and its contents are intended for the sole use of Agnico Eagle Mines Ltd. and their agents. Tetra Tech does not accept any responsibility for the accuracy of any of the data, the analysis, or the recommendations contained or referenced in the report when the report is used or relied upon by any Party other than Agnico Eagle Mines Ltd., or for any Project other than the proposed development at the subject site. Any such unauthorized use of this report is at the sole risk of the user. Use of this report is subject to the terms and conditions stated in Tetra Tech's Services Agreement.

5.0 CLOSURE

We trust this report meets your present requirements. If you have any questions or comments, please contact the undersigned.

Respectfully submitted,
Tetra Tech

PERMIT TO PRACTICE
TETRA TECH INDUSTRIES, INC.
O/A TETRA TECH
Signature
Date 2017.07.28
PERMIT NUMBER: P 1029
NT/NU Association of Professional Engineers and Geoscientists

REGISTERED PROFESSIONAL ENGINEER
J.M.I.F. ALARIE
LICENSEE
2017.07.28

28.07.2017

Prepared by:
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Reviewed by:
Josée Alarie, P.Eng.
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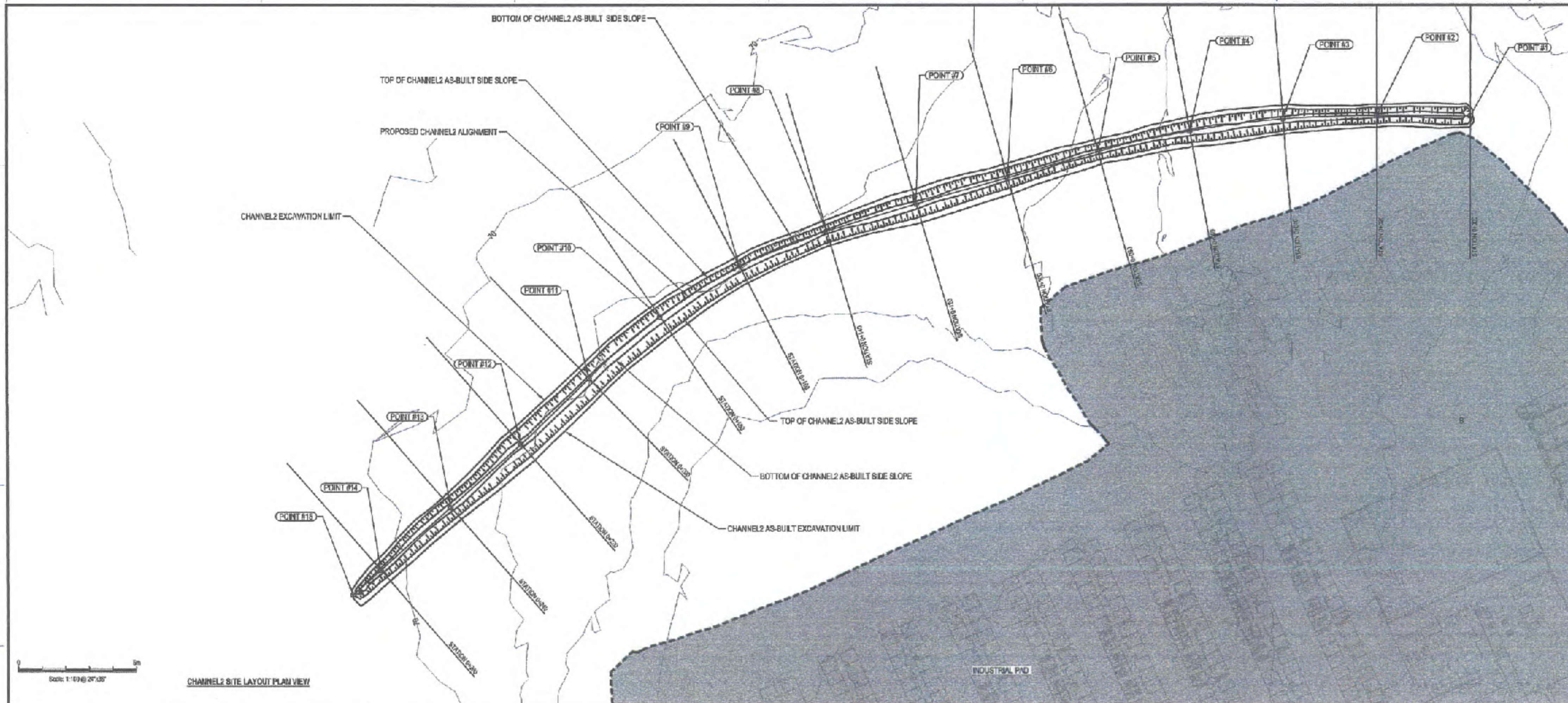
Josee.Alarie@tetratech.com

APPENDIX A
As-built drawings

NO. DESSIN / DRAWING NO. 65-695-230-200_R1_1

FORMAT ARCHD



CHANNEL2 SITE LAYOUT PLAN VIEW

CHANNEL2 LAYOUT POINTS ALONG CENTRELINE		
POINT #	NORTHING	EASTING
1	6990407.579	539075.183
2	6990407.641	539055.189
3	6990407.013	539033.200
4	6990404.422	539013.377
5	6990400.096	538993.863
6	6990394.852	538974.618
7	6990389.142	538955.392
8	6990383.452	538936.218
9	6990376.097	538917.857
10	6990365.426	538900.758
11	6990352.465	538885.566
12	6990338.594	538871.161
13	6990325.318	538856.202
14	6990312.042	538841.244
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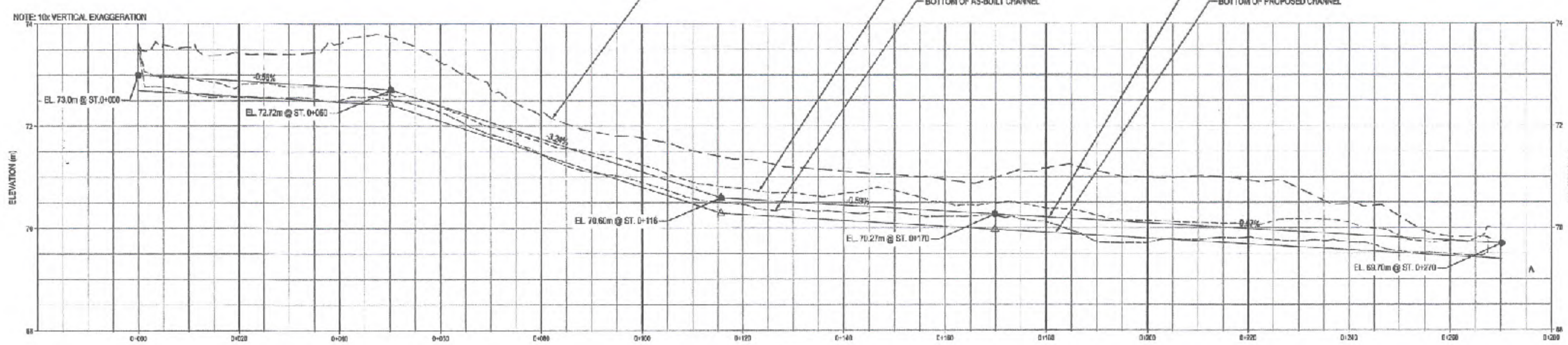
NOTE: 10x VERTICAL EXAGGERATION



PROFILE OF CHANNEL2 ALONG CENTRELINE

PLAN CLE / KEY PLAN

CHANNEL2

TETRA TECH

NOTES GÉNÉRALES / GENERAL NOTES

TEL QUE CONSTRUIT
AS BUILT
AGNICO EAGLE DATE : 2017-07-27

DESSINS EN REFERENCE / REFERENCE DRAWINGS

TITRE / TITLE	# DWG
–	–
–	–
–	–
–	–
–	–

AGNICO EAGLE

REV.	DATE	DESCRIPTION	PAR/BY	APP.	CLIENT
1	2017-07-27	ISSUED AS-BUILT	C.M.	J.A.	
0	2015-09-28	ISSUED FOR CONSTRUCTION	HX	GZ	
C	2015-09-18	ISSUED FOR REVIEW	HX	GZ	
B	2015-09-17	ISSUED FOR REVIEW	HX	GZ	
A	2015-09-15	ISSUED FOR REVIEW	HX	GZ	

REVISIONS

PERMIT TO PRACTICE
TETRA TECH INDUSTRIES, INC.
O/A TETRA TECH
Signature
Date 2017-07-28
PERMIT NUMBER: P 1029
NT/NU Association of Professional Engineers and Geoscientists

REGISTERED PROFESSIONAL ENGINEER
J.M.I.F. ALARIE
LICENSEE
2017-07-28

TITRE / TITLE

AGNICO EAGLE MELIADINE GOLD PROJECT

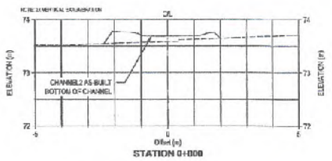
CHANNEL2 DESIGN PROFILE AND LAYOUT
FOR 2015 CONSTRUCTION

DESSINÉ PAR / DRAWN BY	HX	DATE 2015-09-25
VÉRIFIÉ PAR / CHECKED BY	GZ	2015-09-25
APPROUVÉ PAR / APPROVED BY	KJ	2015-09-25
ÉCHELLE / SCALE 1:500	DATE 2015-09-25	

NO. DESSIN / DRAWING NO. 65-695-230-200

NO. PROJET / PROJECT NO. 6515 / 28920 — RÉVISION 1 — FEUILLE / SHT 1 / 2

FILE NO. 65-695-230-200_R1_1.dwg



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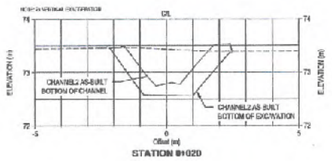

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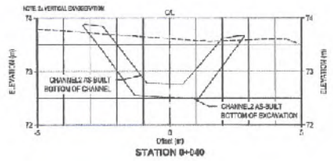

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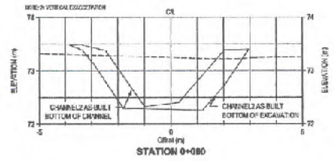

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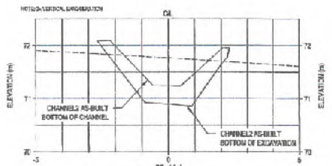

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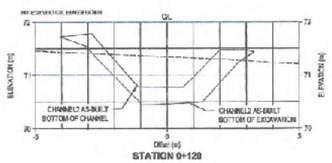

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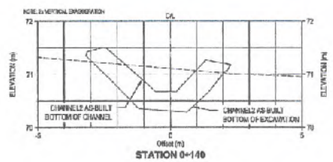

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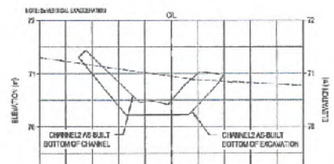

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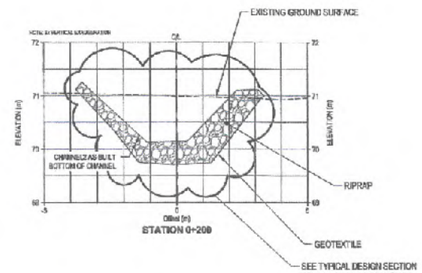

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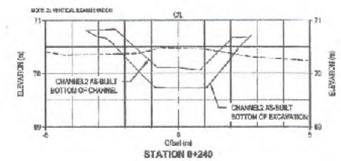

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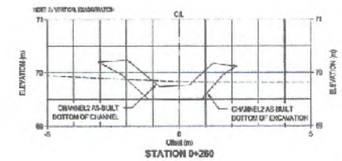
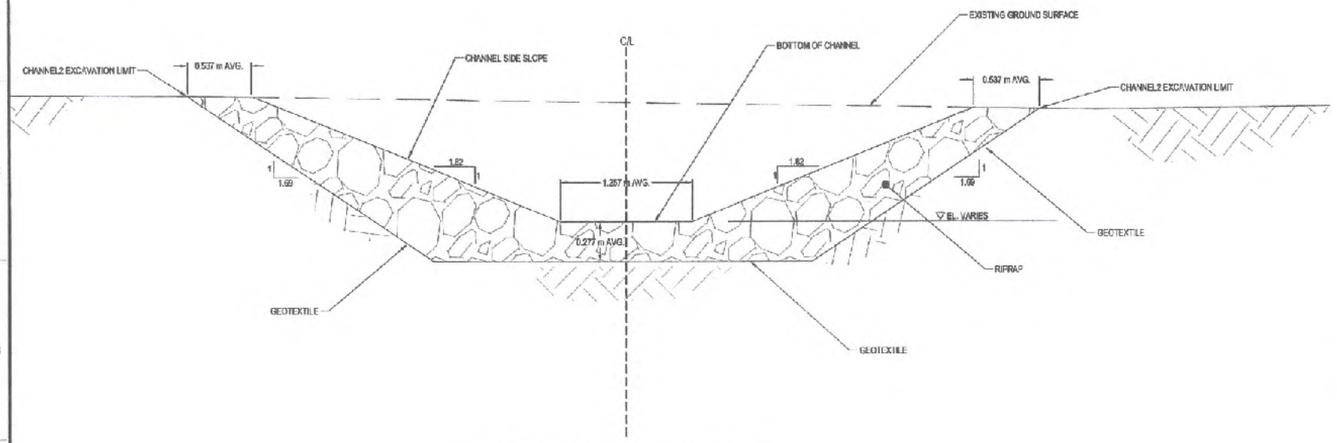


STATION 0+260

CHANNEL2 DESIGN CROSS SECTIONS



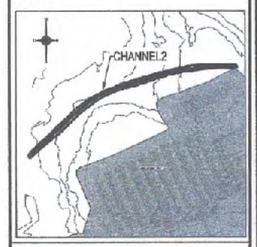
CHANNEL2 TYPICAL AS-BUILT CROSS SECTION

Summary of In-Place Quantities for Channel2 Construction		
Item	Estimated Quantities [a]	Actual Quantities
Total Excavation	1,114 m^3	944 m^3
Riprap	569 m^3	628 m^3
Geotextile [b]	1,636 m^2	1,601 m^2

[a] Material quantities were estimated based on the assumaption of 1.5H to 1V excavation side slope

[b] Material quantites for geotextile does not include overlaps or excess

PLAN CLÉ
KEY PLAN



TETRA TECH

NOTES GÉNÉRALES / GENERAL NOTES

TEL QUE CONSTRUIT
AS BUILT
AGNICO EAGLE
DATE : 2017-07-27

DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS

NUMÉRO / NUMBER	# DWG
—	—
—	—
—	—
—	—
—	—
—	—

AGNICO EAGLE

NO.	DATE	DESCRIPTION	DRN/ENG	APP.	CLIENT
1	2017-07-27	ISSUED AS-BUILT	C.M.	J.A.	
0	2015-09-25	ISSUED FOR CONSTRUCTION	HX	GZ	
D	2015-09-18	ISSUED FOR REVIEW	HX	GZ	
B	2015-09-17	ISSUED FOR REVIEW	HX	GZ	
A	2015-09-15	ISSUED FOR REVIEW	HX	GZ	

REVISIONS

PERMIT TO PRACTICE
TETRA TECH CANADA INC.
APEGA PERMIT HOLDER
Signature
Date 2017.07.28
PERMIT NUMBER: P 1029
The Association of Professional Engineers and Geoscientists

ASSOCIATION OF PROFESSIONAL ENGINEERS AND GEOSCIENTISTS OF ALBERTA
LICENSED
2017.07.28

TITRE / TITLE
AGNICO EAGLE MEL/ADINE GOLD PROJECT

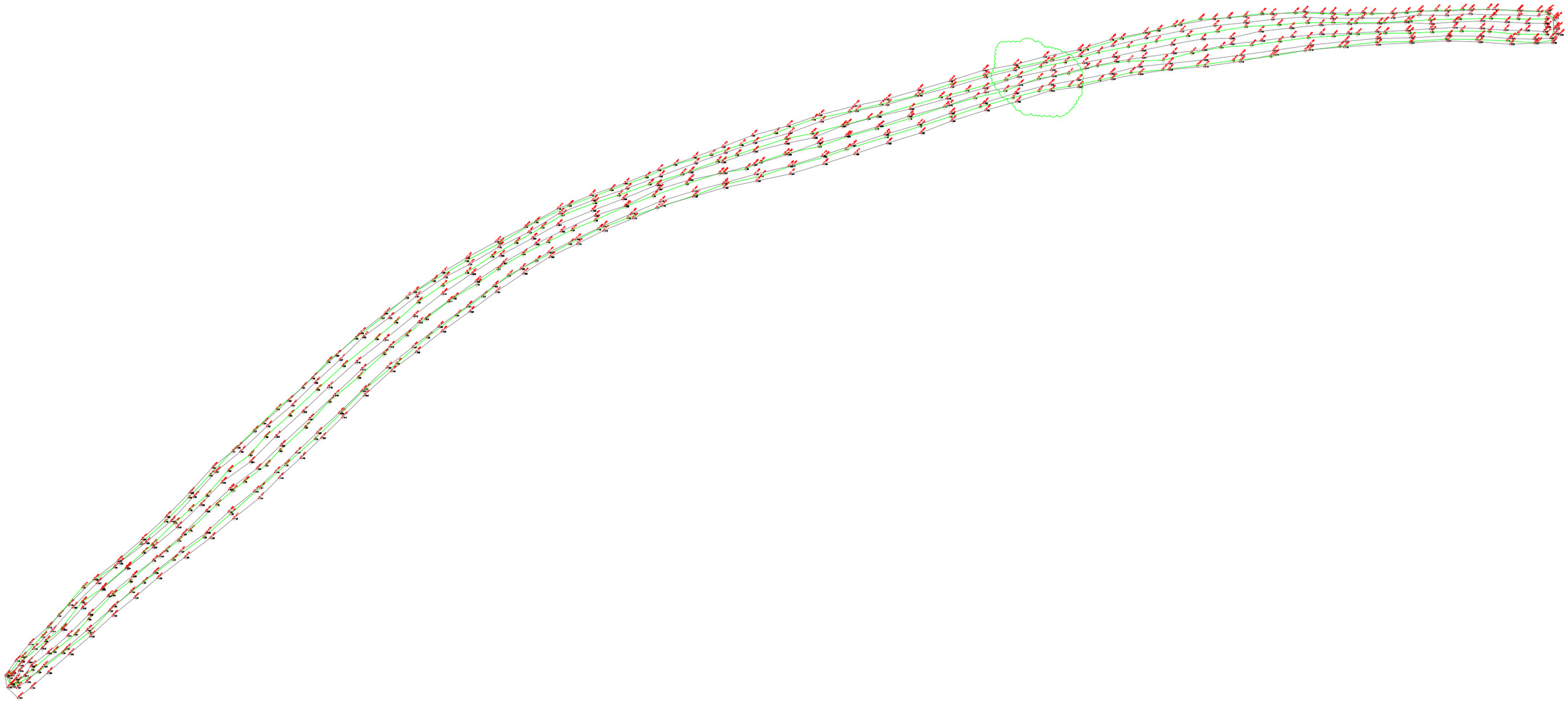
CHANNEL2 DESIGN SECTIONS
FOR 2015 CONSTRUCTION

DESSINÉ PAR / DRAWN BY	HX	DATE 2015-09-25
VÉRIFIÉ PAR / CHECKED BY	GZ	2015-09-25
APPROUVÉ PAR / APPROVED BY	KJ	2015-09-25
ÉCHELLE / SCALE	AS SHOWN	DATE 2015-09-25

NO. DESSIN / DRAWING NO. 65-695-230-201

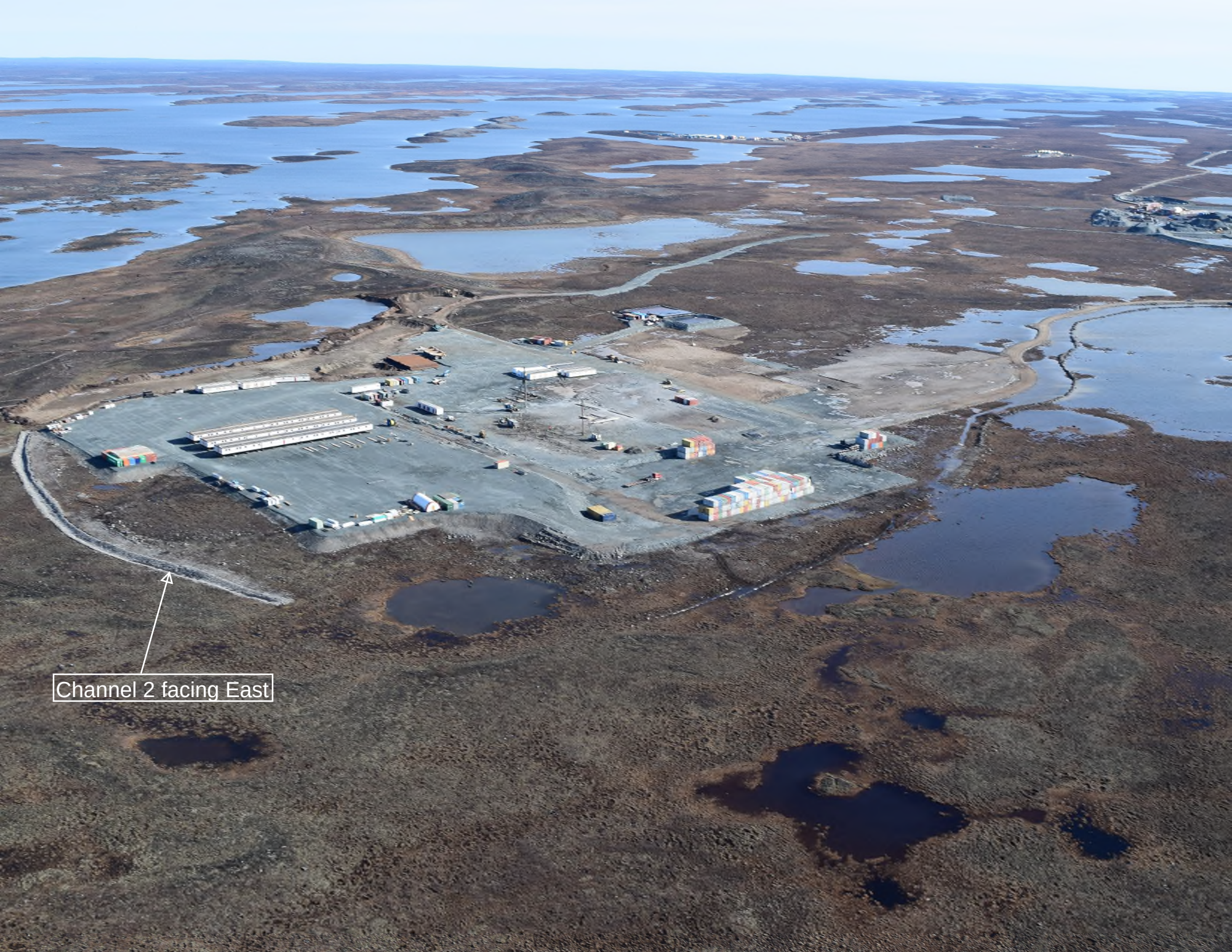
NO. PROJET / PROJECT NO.	REVISION	FEUILLE / SHT
6515 / 28920	1	2 / 2

APPENDIX B
Survey drawings



HA HAMELARPENTAGE	Système de Coord.: UTM15 NAD83	No plan: 695-AB CHANNEL 2	AB CHANNEL 2	AGNICO EAGLE	Date des travaux : 2015-10-25	Dessine par: Y. Hamel
	Echelle: NA				Date d'envoi : 2017-06-01	Approuve par: Hamel arpentage

APPENDIX C
Photographs of Channel2


Channel 2 facing East


Channel2 facing South