



Photo 13: Culvert 11b (C13 on sign)



Photo 14: Culvert C11b-1 (C14 on sitn)



Photo 15: Culvert C11c



Photo 16: Culvert C12a



Photo 17: Culvert 12b



Photo 18: Culvert C13



Photo 19: Culvert 14



Photo 20: Low area in road northwest of C10, Filled in 2019.



Photo 21: Low area in road northwest of C10, higher mark on road



Photo 22: Low area in road northwest of C10, higher mark on road



Photo 23: Unloading point for water trucks discharge to sea.



Photo 24: ITIVIA Tankfarm



Photo 25: ITIVIA Tankfarm - east berm



Photo 26: ITIVIA Tankfarm - ponded water in facility



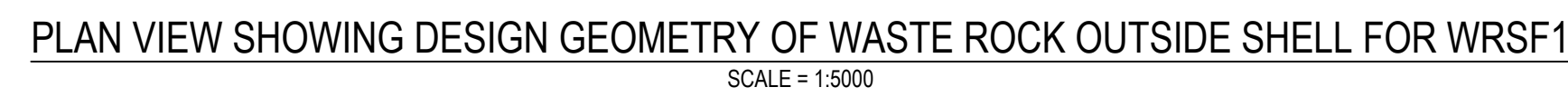
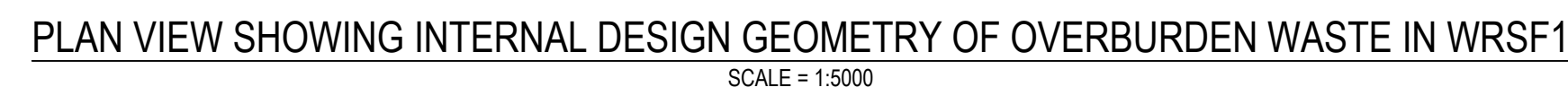
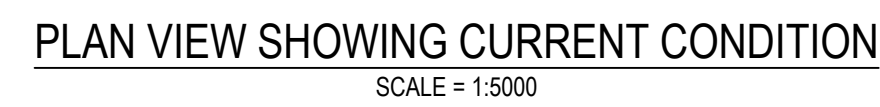
Photo 27: ITIVIA Tankfarm - south of tanks



Photo 28: ITIVIA Edge of Pad

APPENDIX Q

WASTE ROCK STORAGE FACILITIES



NOTES GÉNÉRALES / GENERAL NOTES

1. THE WRSF1 DESIGN PRESENTED HEREIN HAS BEEN BASED ON THE WASTE ROCK AND OVERBURDEN PRODUCTION PLAN THAT WAS PROVIDED ON SEPTEMBER 23, 2019 AND THE CORRESPONDING PRELIMINARY WASTE ROCK AND OVERBURDEN PLACEMENT PLAN THAT WAS DEVELOPED FOR THE DESIGN OF WRSF1. THIS WRSF1 DESIGN SHOULD BE REVIEWED OR UPDATED (IF REQUIRED) IF THE FINAL WASTE ROCK AND OVERBURDEN PLACEMENT PLAN FOR WRSF1, ESPECIALLY THE PLACEMENT PLAN FOR THE INITIAL BENCHES (77 M AND 82 M) OF THE OVERBURDEN WASTE, IS DIFFERENT FROM THAT USED FOR THIS DESIGN.

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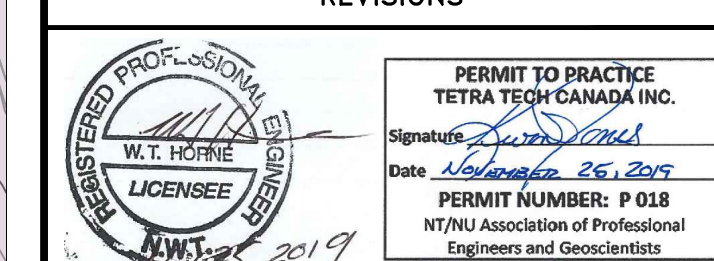
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REV.	DATE	DESCRIPTION	PAR/BY	APP.	CLIENT
REVISIONS					

REVISIONS:



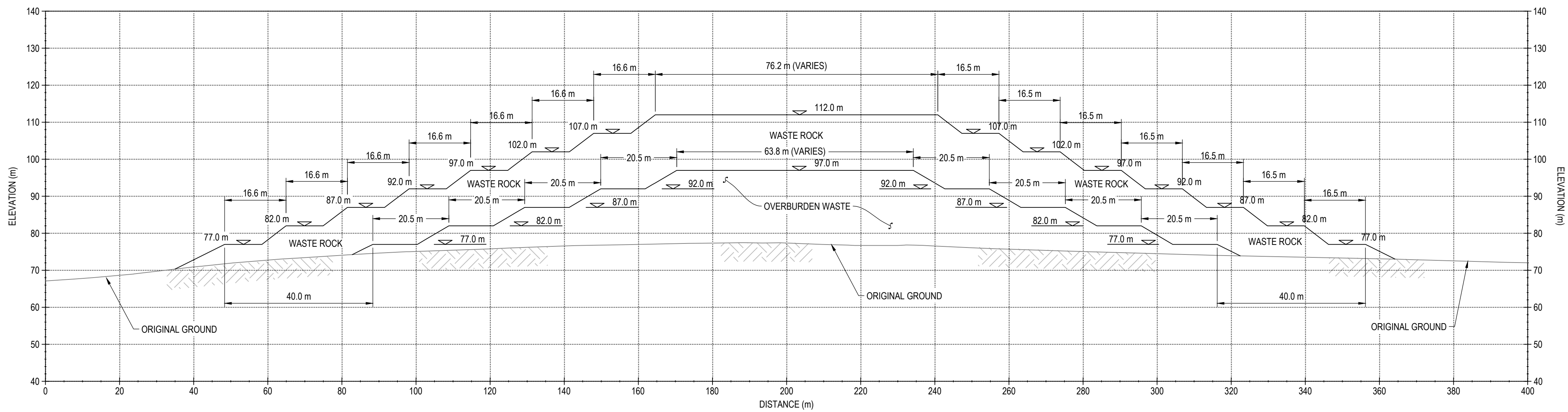
TITRE / TITLE
AGNICO EAGLE MELIADINE GOLD PROJECT
WASTE ROCK STORAGE FACILITY No. 1

PLAN VIEWS FOR WRSF1

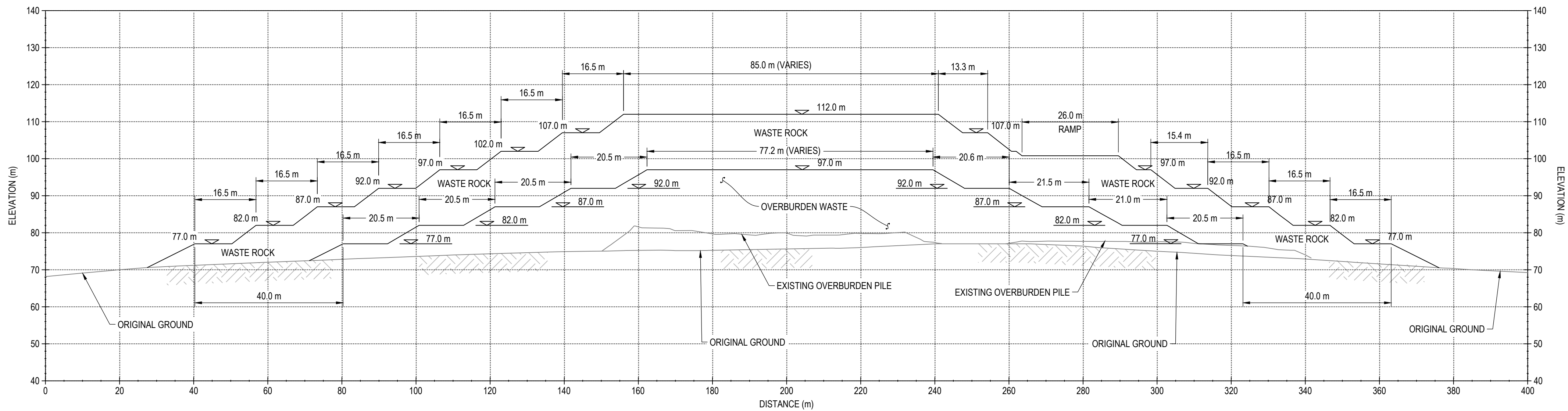
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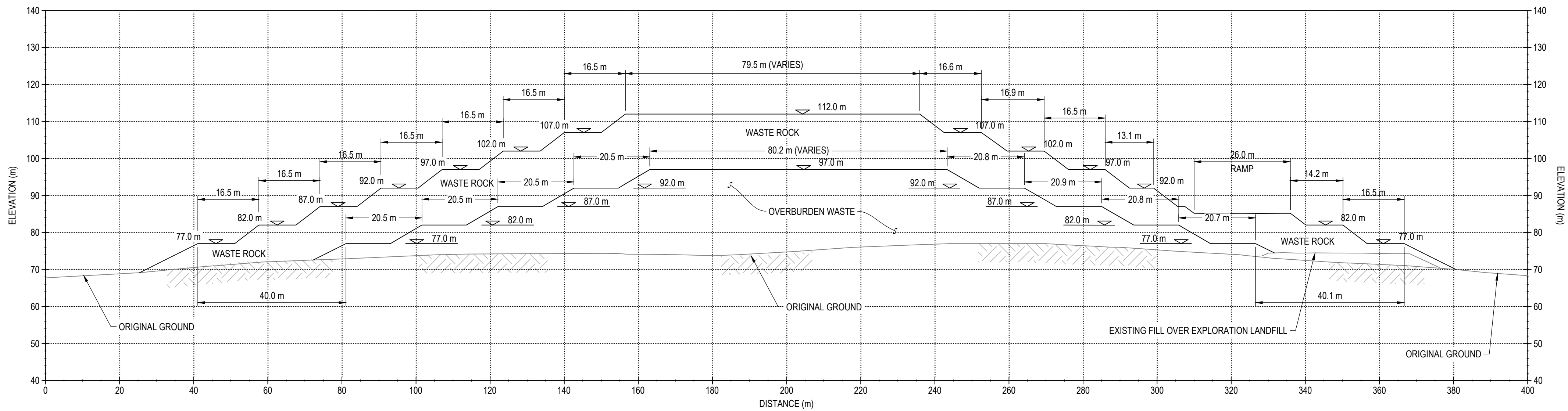
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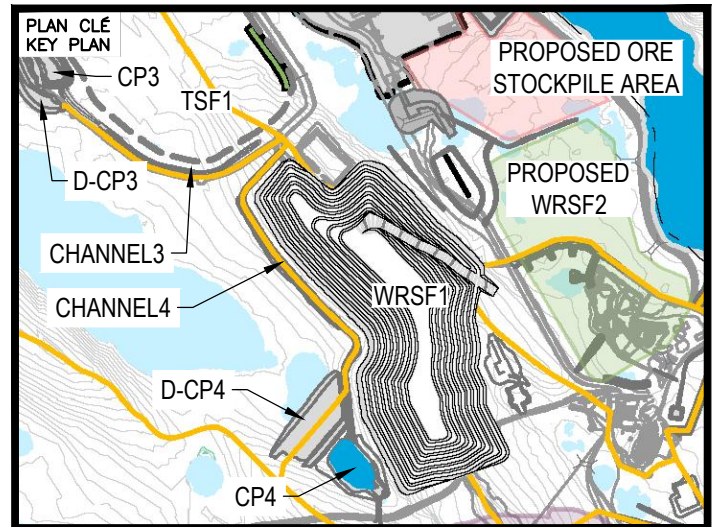
A SECTION
SCALE: 1:750



B SECTION
SCALE: 1:750



C SECTION
SCALE: 1:750



NOTES GÉNÉRALES / GENERAL NOTES

1. THE WRSF1 DESIGN PRESENTED HEREIN HAS BEEN BASED ON THE WASTE ROCK AND OVERBURDEN PRODUCTION PLAN THAT WAS PROVIDED ON SEPTEMBER 23, 2019 AND THE CORRESPONDING PRELIMINARY WASTE ROCK AND OVERBURDEN PLACEMENT PLAN THAT WAS DEVELOPED FOR THE DESIGN OF WRSF1. THIS WRSF1 DESIGN SHOULD BE REVIEWED OR UPDATED (IF REQUIRED) IF THE FINAL WASTE ROCK AND OVERBURDEN PLACEMENT PLAN FOR WRSF1, ESPECIALLY THE PLACEMENT PLAN FOR THE INITIAL BENCHES (77 M AND 82 M) OF THE OVERBURDEN WASTE, IS DIFFERENT FROM THAT USED FOR THIS DESIGN.
2. THE MAXIMUM LIFT THICKNESS DURING WASTE PLACEMENT SHOULD BE LIMITED TO 2.5 M FOR THE OVERBURDEN WASTE AND TO 5.0 M FOR THE WASTE ROCK.

L'INFORMATION CONTENUE EST LA PROPRIÉTÉ DE AGNICO EAGLE LTD. ET DOIT ÊTRE RETENUE SANS RÉVOCATION, SANS GARANTIE, SANS ASSURANCE, SANS INTENTION DE CRÉDIT. À L'ÉCHÉANCE DE TOUT DÉLAIS, AGNICO EAGLE LTD. GARANTIT L'INFORMATION CONTENUE. L'INFORMATION CONTENUE N'EST PAS LA PROPRIÉTÉ DE AGNICO EAGLE LTD. NI DOIT ÊTRE RETENUE SANS RÉVOCATION, SANS GARANTIE, SANS ASSURANCE, SANS INTENTION DE CRÉDIT. À L'ÉCHÉANCE DE TOUT DÉLAIS, AGNICO EAGLE LTD. GARANTIT L'INFORMATION CONTENUE.

DESSEINS EN RÉFÉRENCE / REFERENCE DRAWINGS

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0	2019-11-21	ISSUED FOR CONSTRUCTION	GZ	WTH	

REVISIONS



TITRE / TITLE
AGNICO EAGLE MELIADINE GOLD PROJECT
WASTEROCK STORAGE FACILITY No. 1

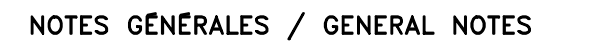
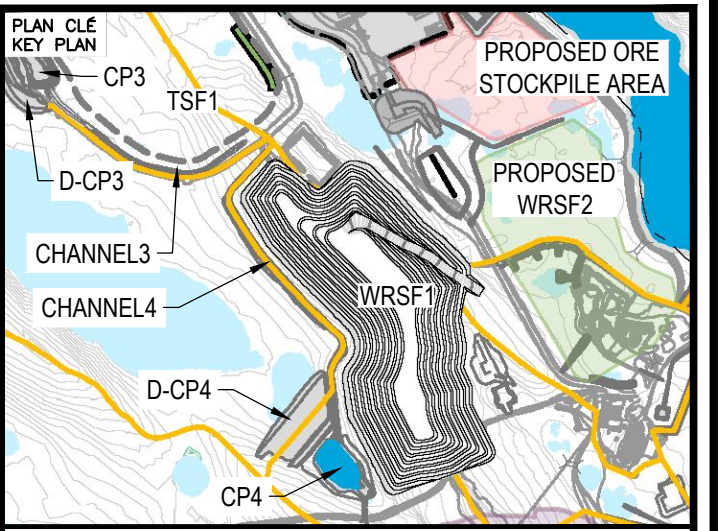
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VÉRIFIÉ PAR CHECKED BY	GZ	2019-11-21
APPROUVÉ PAR APPROVED BY	WTH	2019-11-21

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SCALE: 1:2500

DATE
2019-11-21

NO. DESIGN PROJECT NO.	65-686-230-201
NO. PROJET PROJECT NO.	6515
REVISION	0
FEUILLE / SHEET	2 / 6



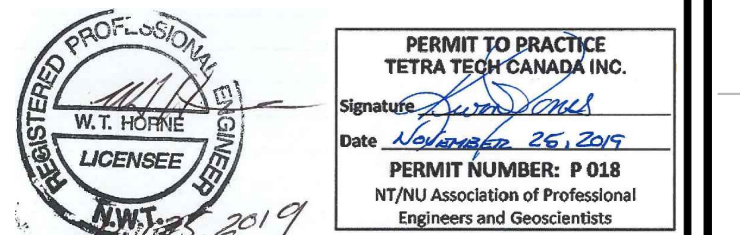
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2. THE MAXIMUM LIFT THICKNESS DURING WASTE PLACEMENT SHOULD BE LIMITED TO 2.5 M FOR THE OVERBURDEN WASTE AND TO 5.0 M FOR THE WASTE ROCK.

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REV.	DATE	DESCRIPTION	PAR/BY	APP.	CLIENT

REVISIONS

TITRE / TITLE
AGNICO EAGLE MELIADINE GOLD PROJECT
WASTEROCK STORAGE FACILITY No. 1

SECTION D OF WRSF1

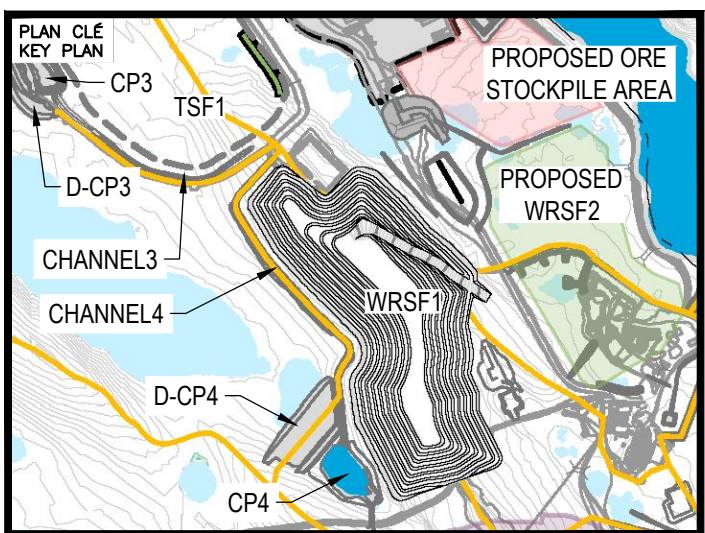
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ÉCHELLE SCALE	1:2500	DATE	2019-11-21
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65-686-230-202

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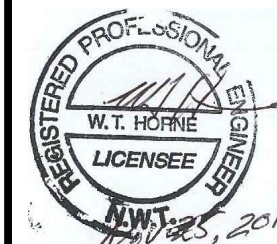
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2. THE MAXIMUM LIFT THICKNESS DURING WASTE PLACEMENT SHOULD BE LIMITED TO 2.5 M FOR THE OVERBURDEN WASTE AND TO 5.0 M FOR THE WASTE ROCK.
3. ACCESS RAMP DESIGNED FOR HAUL TRUCK TYPE OF CAT 77G.
4. A SAFETY BERM IS REQUIRED IF A DROP OFF GREATER THAN 3 m EXISTS.

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REV.	DATE	DESCRIPTION	PAR/BY	APP.	CLIENT
REVISIONS					



PERMIT TO PRACTICE
TETRA TECH CANADA INC.
Signature [Signature]
Date NOVEMBER 26, 2015
PERMIT NUMBER: P 018
NT/NU Association of Professional
Engineers and Geoscientists

TITRE / TITLE

AGNICO EAGLE MELIADINE GOLD PROJECT
WASTEROCK STORAGE FACILITY No. 1

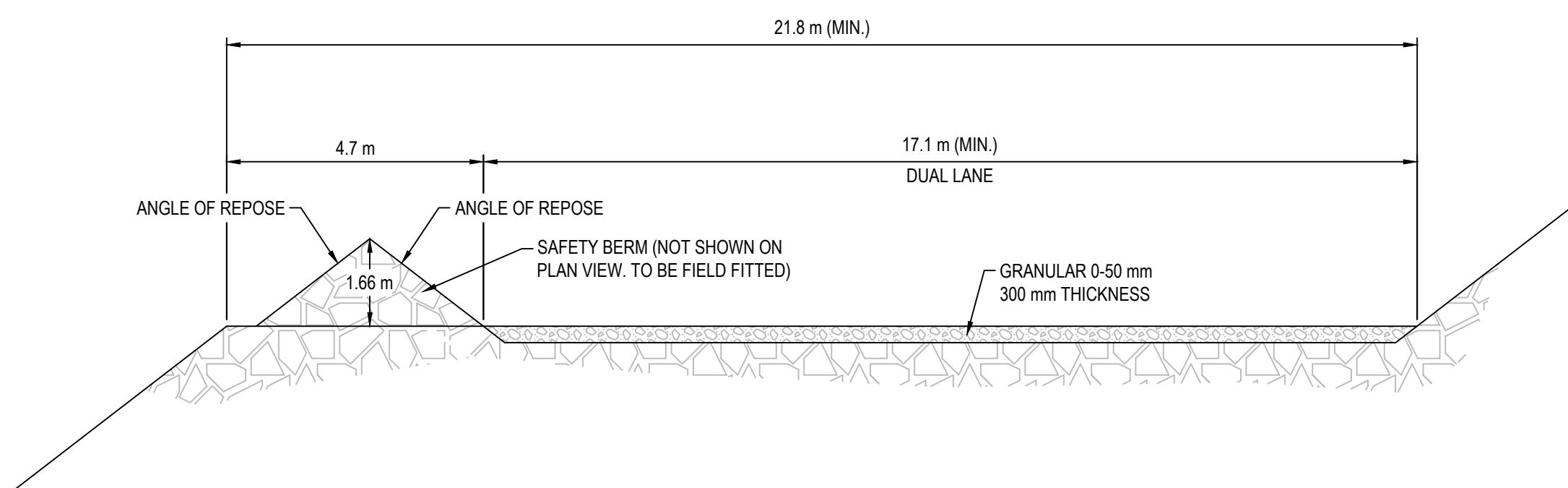
TYPICAL SECTION AND
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APPROUVÉ PAR APPROVED BY	WTH	2019-11-2

ECHELLE SCALE	1:2500	DATE 2019-11-21
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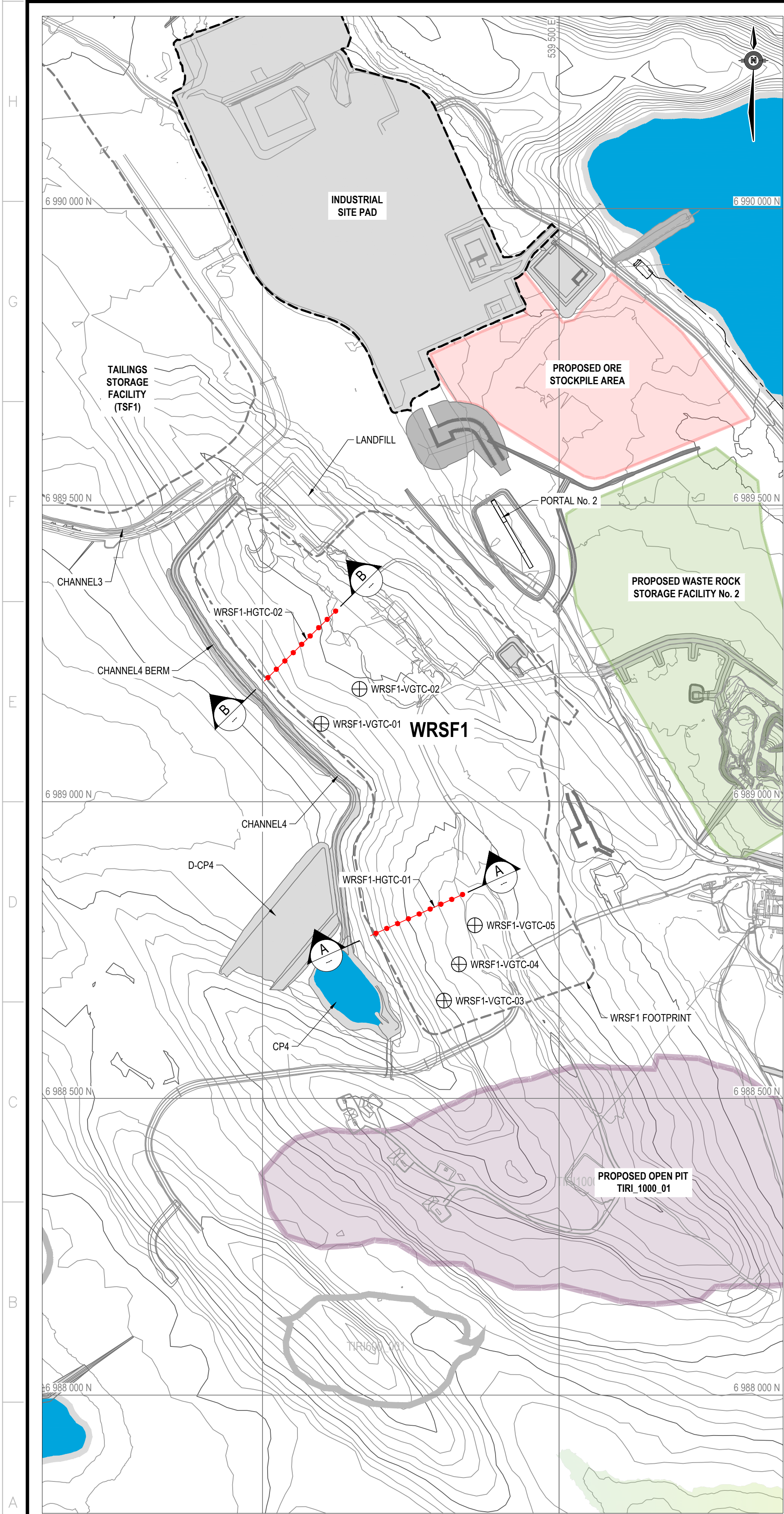
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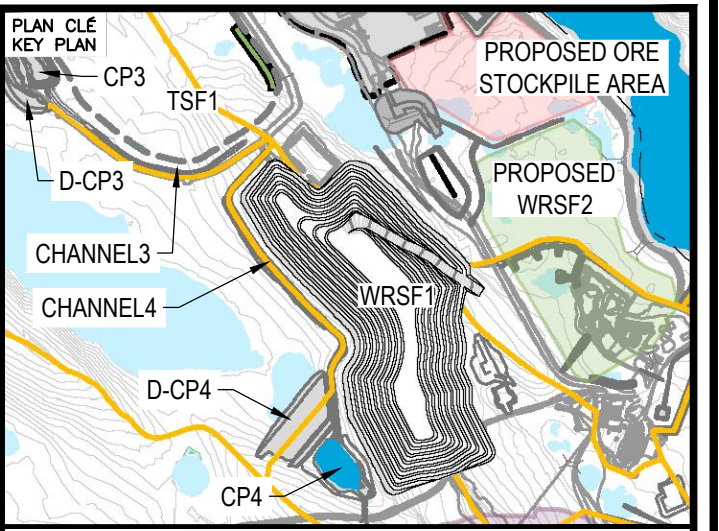
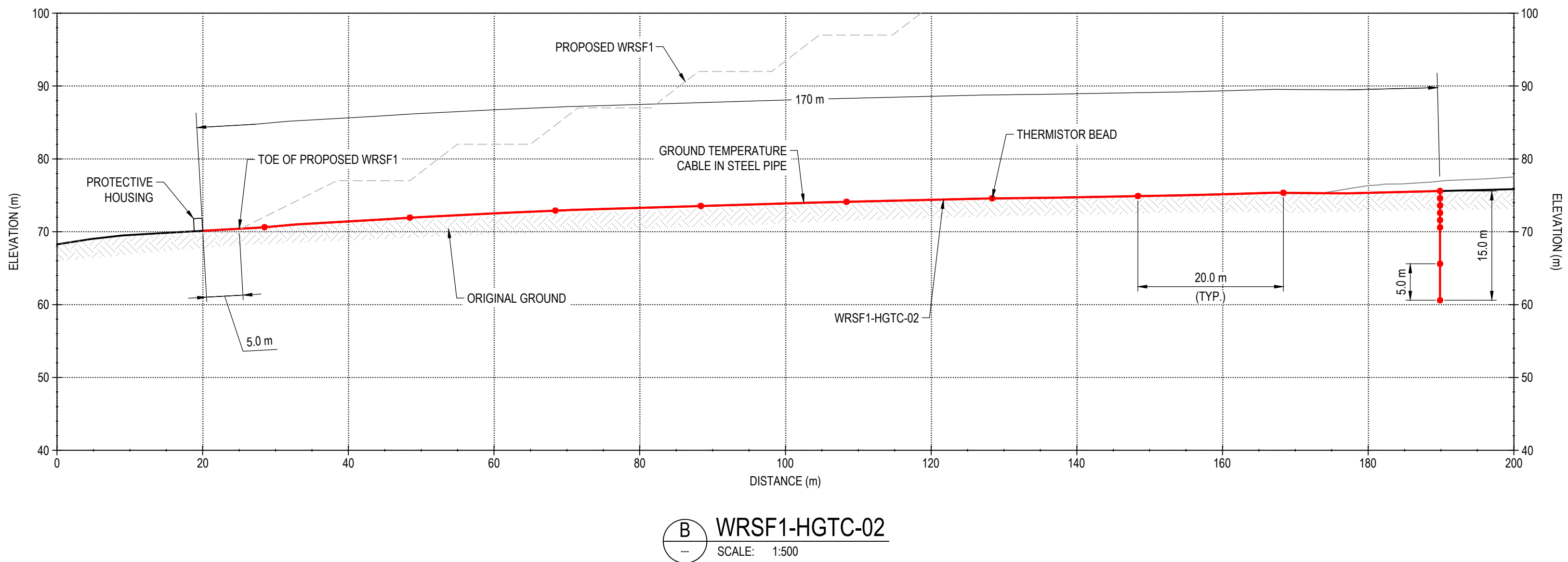
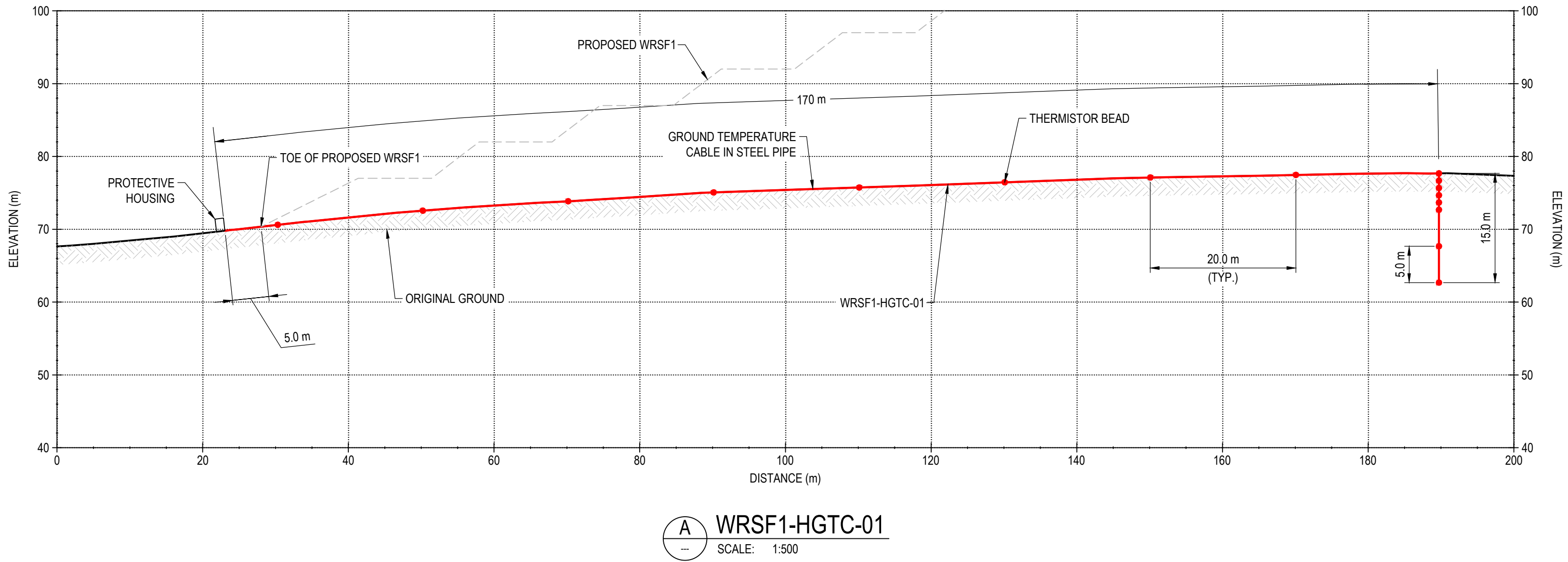


N.T.S

N.T.S



PLAN VIEW SHOWING PROPOSED LOCATIONS OF GROUND TEMPERATURE CABLES FOR WRSF1
SCALE = 1:5000



NOTES GÉNÉRALES / GENERAL NOTES

1. A TOTAL OF 16 THERMISTOR BEADS FOR EACH GROUND TEMPERATURE CABLE

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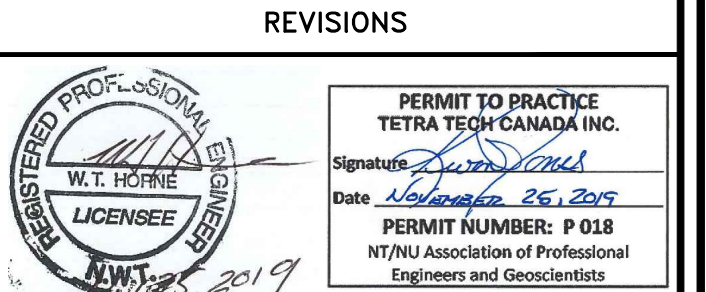
AGNICO EAGLE LTD.

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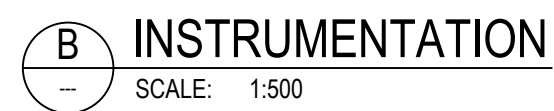
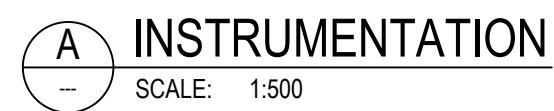
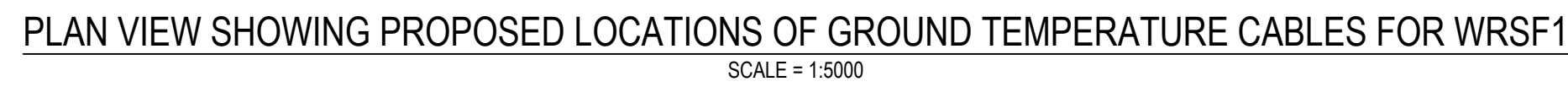
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TITRE / TITLE
AGNICO EAGLE MELIADINE GOLD PROJECT
WASTE ROCK STORAGE FACILITY No. 1
PROPOSED GROUND TEMPERATURE CABLE AND
THERMISTOR BEAD LOCATIONS FOR WRSF1

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VÉRIFIÉ PAR CHECKED BY	GZ	2019-11-21
APPROUVÉ PAR APPROVED BY	WTH	2019-11-21
ÉCHELLE SCALE	1:2500	DATE 2019-11-21

DRAWING NO.		65-686-230-204	
NO. PROJECT PROJECT NO.	6515	REVISION	FEUILLE / SHT
		0	5 / 6



1. A TOTAL OF 16 THERMISTOR BEADS FOR EACH GROUND TEMPERATURE CABLE

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REVISIONS					

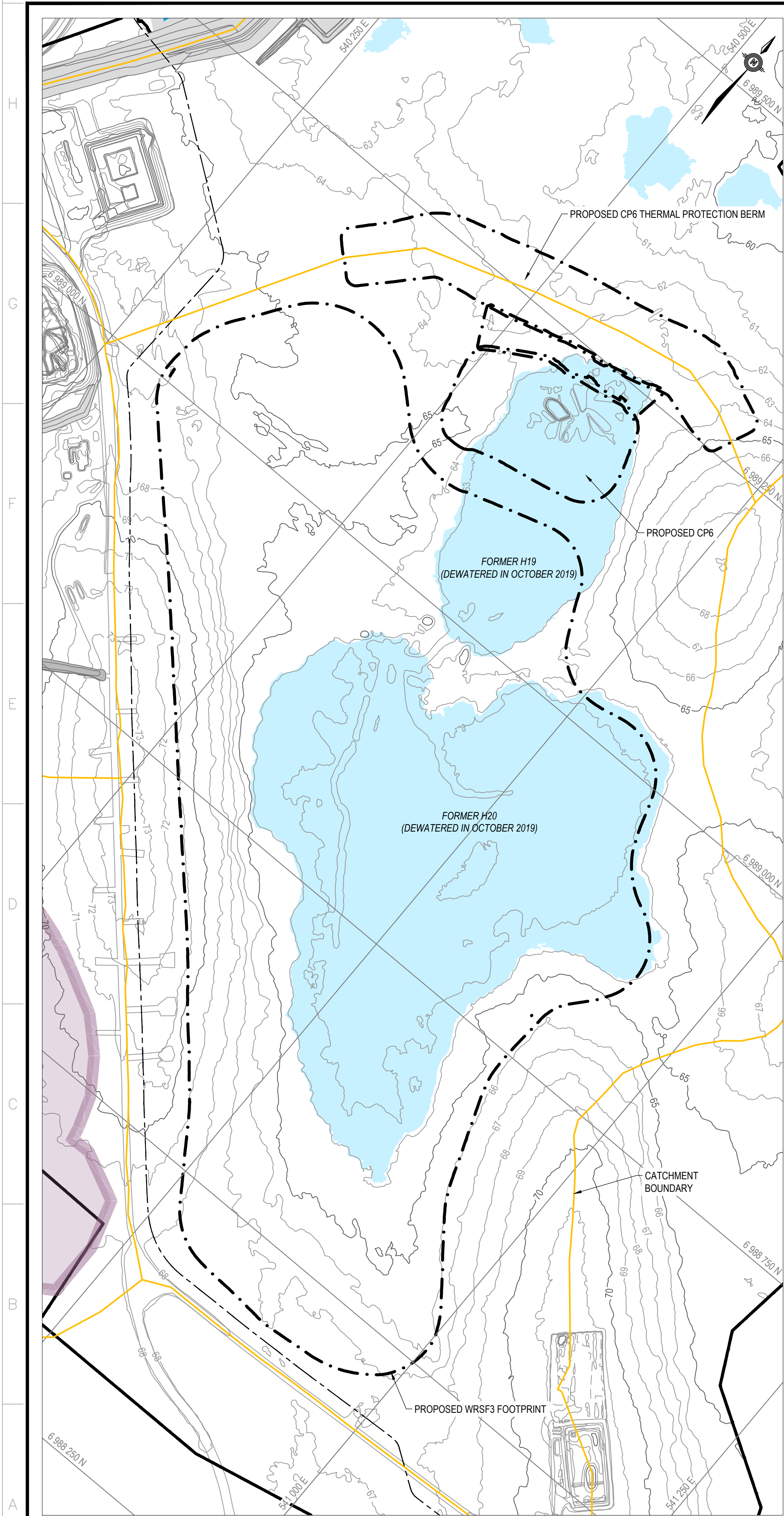


TITLE / TITRE
AGNICO EAGLE MELIADINE GOLD PROJECT
WASTE ROCK STORAGE FACILITY No. 1

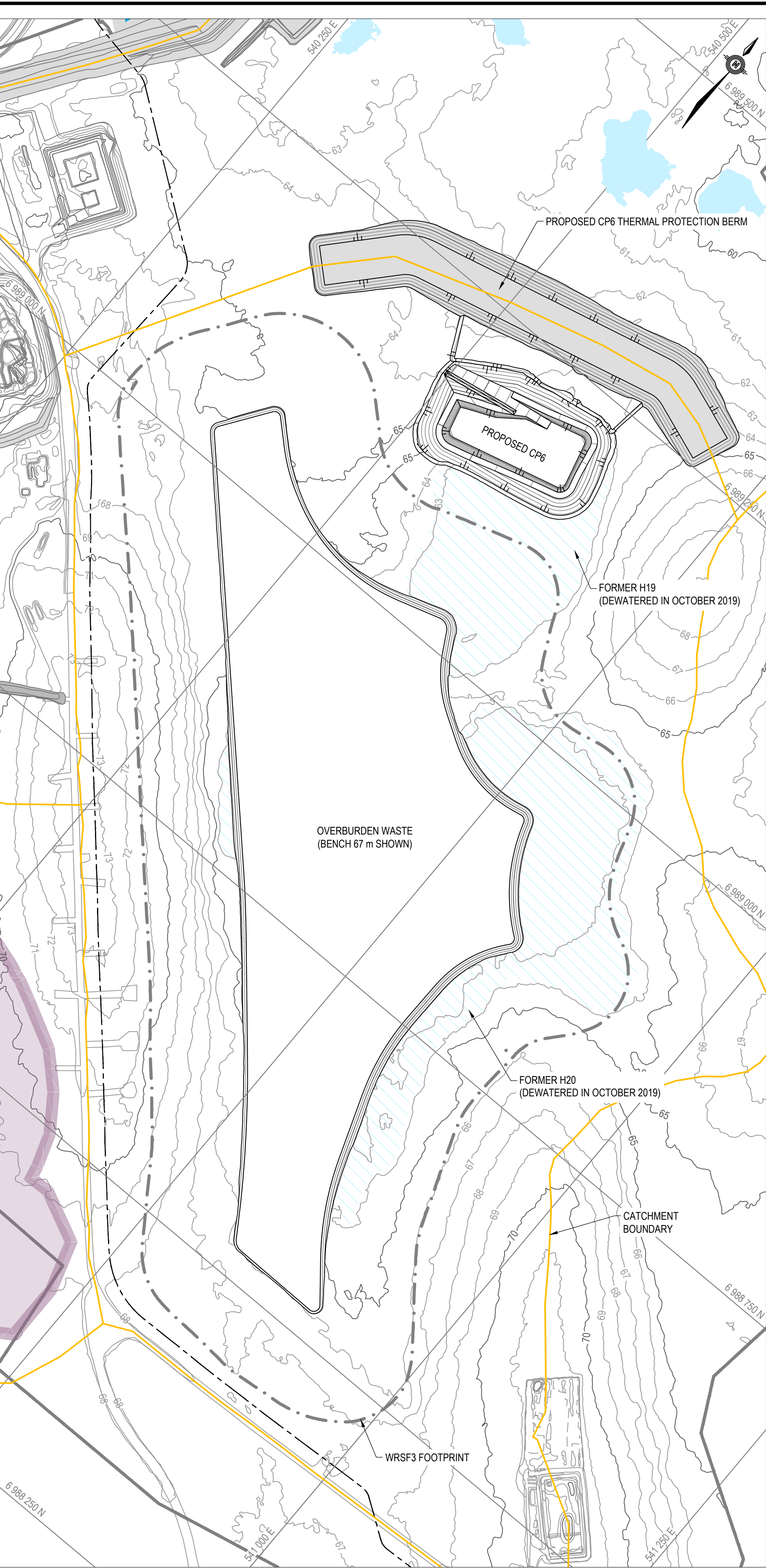
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THERMISTOR BEAD LOCATIONS FOR WRSF1

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APPROUVÉ PAR APPROVED BY	WTH		2019-11-21
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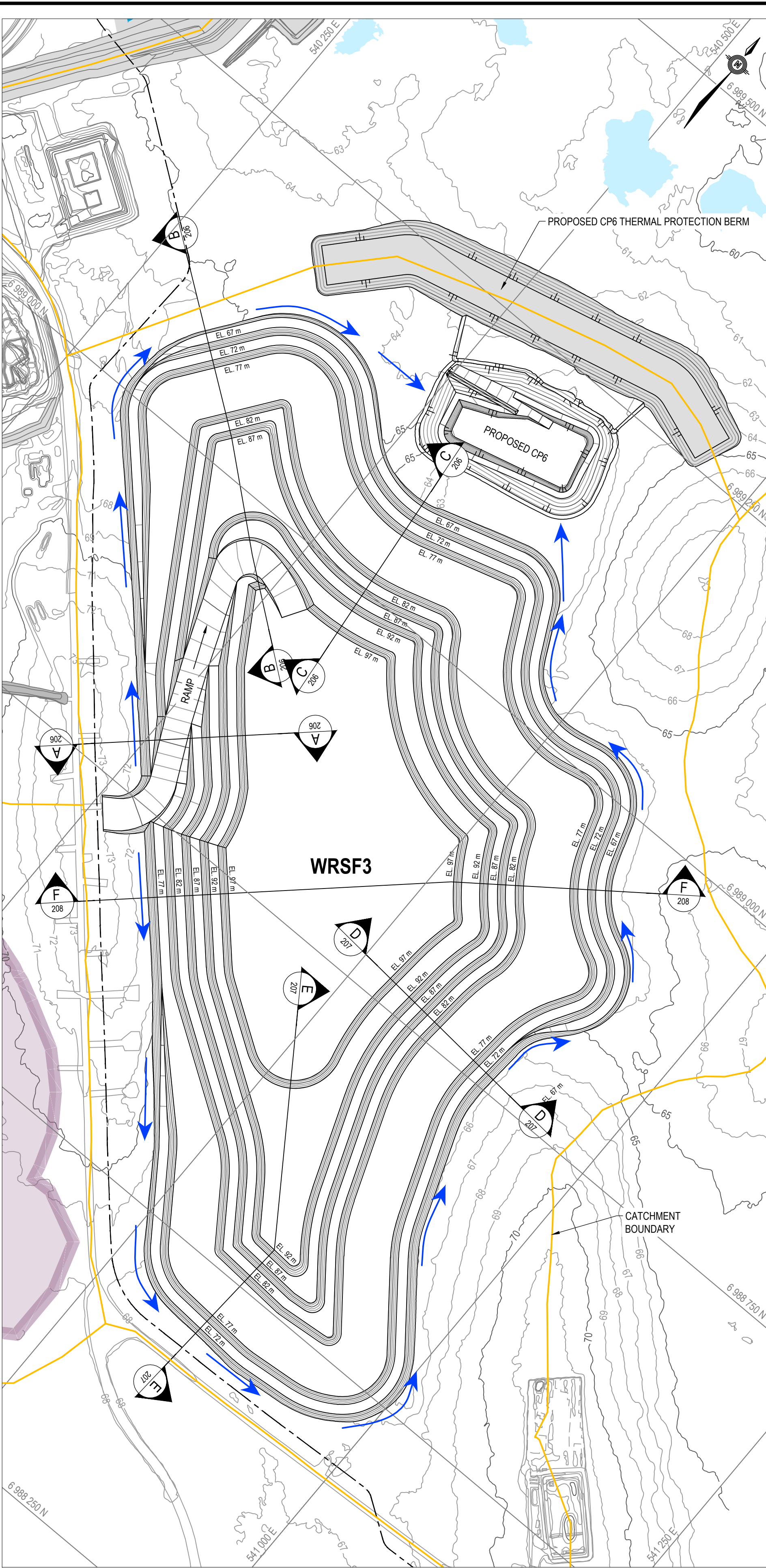
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65-686-230-205		
NO. PROJET PROJECT NO.	REVISION	FEUILLE / SHT
	0	6 / 6
6515		



PLAN VIEW SHOWING CURRENT CONDITION
SCALE = 1:2500



PLAN VIEW SHOWING INTERNAL DESIGN GEOMETRY OF OVERBURDEN WASTE IN WRSF3
SCALE = 1:2500



PLAN VIEW SHOWING DESIGN GEOMETRY OF WASTE ROCK OUTSIDE SHELL FOR WRSF3
SCALE = 1:2500

PLAN CLE
KEY PLAN

TETRA TECH

NOTES GÉNÉRALES / GENERAL NOTES

1. THE WRSF3 DESIGN PRESENTED HEREIN HAS BEEN BASED ON THE WASTE ROCK AND OVERBURDEN PRODUCTION PLAN THAT WAS PROVIDED ON JANUARY 29 AND FEBRUARY 3, 2020 AND THE CORRESPONDING PRELIMINARY WASTE ROCK AND OVERBURDEN PLACEMENT PLAN THAT WAS DEVELOPED FOR THE DESIGN OF WRSF3. THIS WRSF3 DESIGN SHOULD BE REVIEWED OR UPDATED (IF REQUIRED) IF THE FINAL WASTE ROCK AND OVERBURDEN PLACEMENT PLAN FOR WRSF3, ESPECIALLY THE PLACEMENT PLAN FOR THE INITIAL BENCHES (67 M AND 72 M) OF THE WASTE ROCK AND OVERBURDEN, IS DIFFERENT FROM THAT USED IN THIS DESIGN.

INFORMATION (D-COMME) EST LA PROPRIÉTÉ DE AGNICO EAGLE LTD. ET DOIT ÊTRE RETENUE, SUR DEMANDE, SANS AUTORISATION ÉCRITE, PAR AGNICO EAGLE LTD. AGNICO EAGLE LTD. ASSUME LA RESPONSABILITÉ DE L'INFORMATION FOURNIE. AGNICO EAGLE LTD. ASSUME LA RESPONSABILITÉ DE L'INFORMATION FOURNIE. AGNICO EAGLE LTD. ASSUME LA RESPONSABILITÉ DE L'INFORMATION FOURNIE.

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1	2020-02-14	ISSUED FOR REVIEW	GZ	WITH

REVISIONS

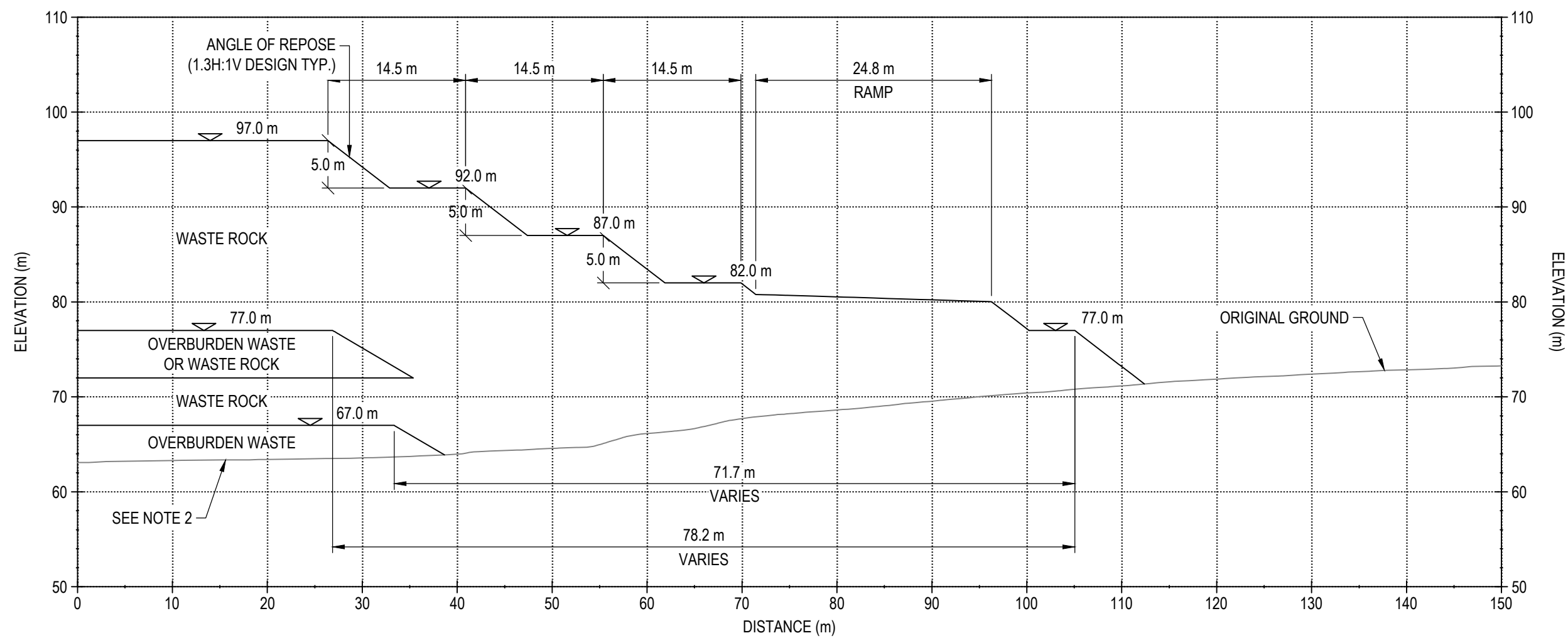
PERMIT TO PRACTICE
TETRA TECH CANADA INC.
Signature: *[Signature]*
Date: Feb 21, 2020
PERMIT NUMBER: P 018
NTA Association of Professional Engineers and Geoscientists

TITRE / TITLE
AGNICO EAGLE MELIADINE GOLD PROJECT
WASTE ROCK STORAGE FACILITY No. 3
MELIADINE WRSF3 DETAILED DESIGN:
PLAN VIEW

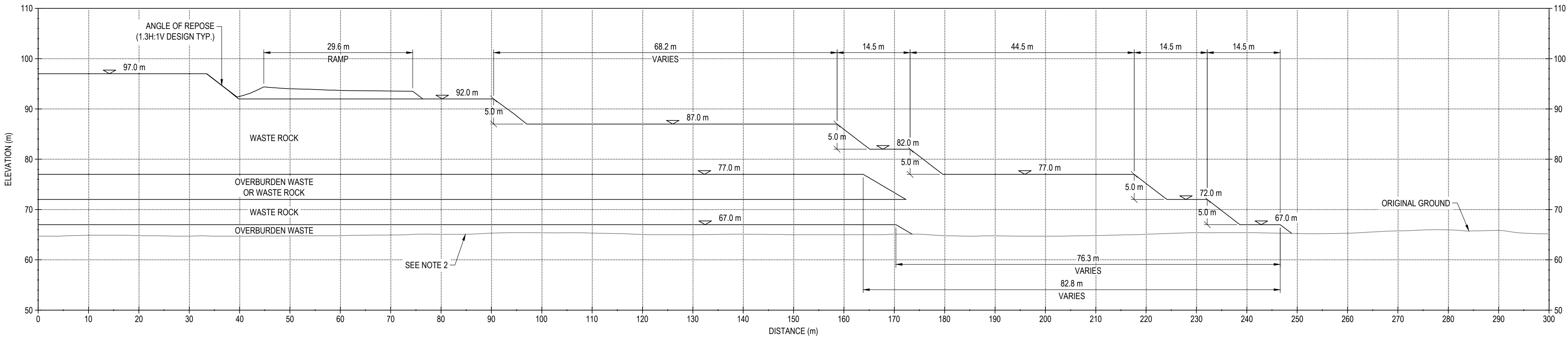
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VÉRIFIÉ PAR CHECKED BY	GZ	2020-02-21	
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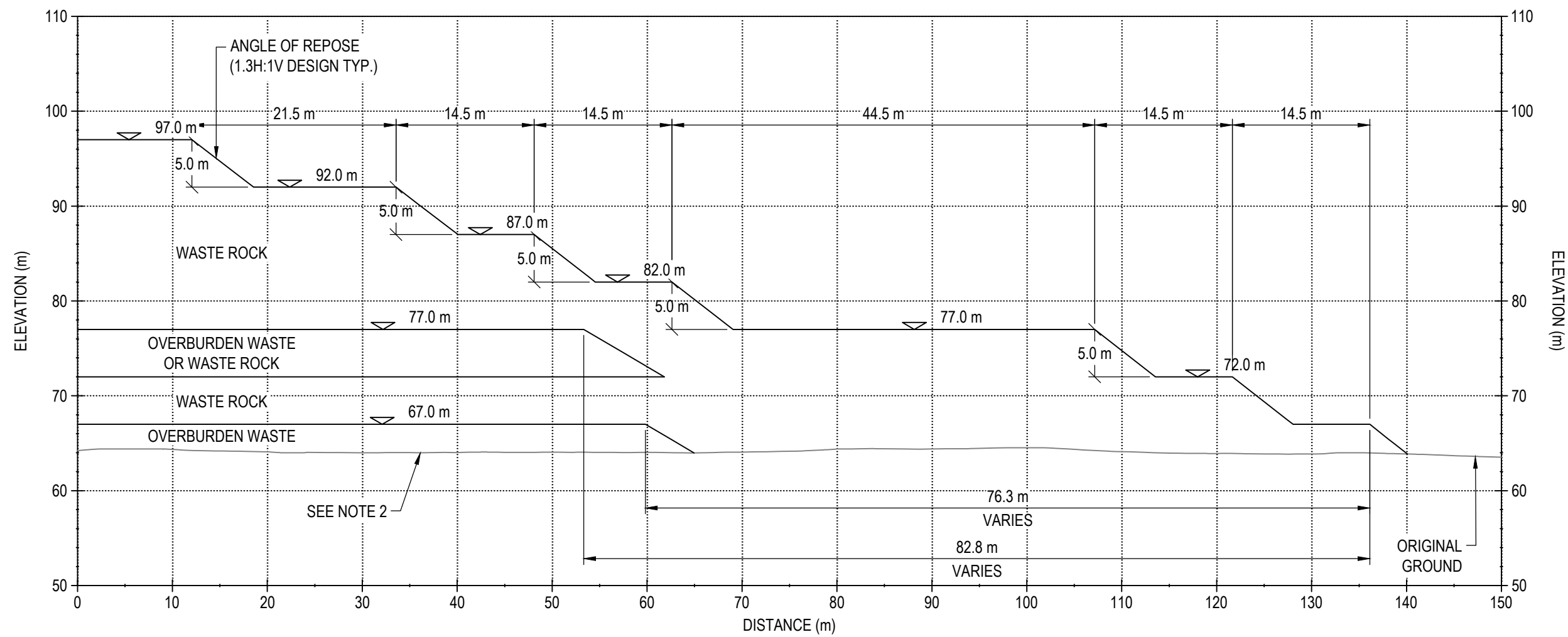
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6515	0	1 / 6



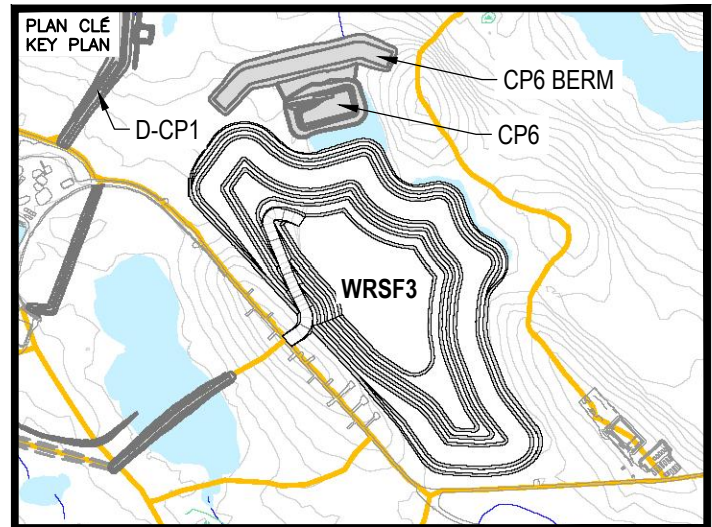
A SECTION
SCALE: 1:500



B SECTION
SCALE: 1:500



C SECTION
SCALE: 1:750



NOTES GÉNÉRALES / GENERAL NOTES

1. THE WRSF3 DESIGN PRESENTED HEREIN HAS BEEN BASED ON THE WASTE ROCK AND OVERBURDEN PRODUCTION PLAN THAT WAS PROVIDED ON JANUARY 29 AND FEBRUARY 3, 2020 AND THE CORRESPONDING PRELIMINARY WASTE ROCK AND OVERBURDEN PLACEMENT PLAN THAT WAS DEVELOPED FOR THE DESIGN OF WRSF3. THIS WRSF3 DESIGN SHOULD BE REVIEWED OR UPDATED (IF REQUIRED) IF THE FINAL WASTE ROCK AND OVERBURDEN PLACEMENT PLAN FOR WRSF3, ESPECIALLY THE PLACEMENT PLAN FOR THE INITIAL BENCHES (67 M AND 72 M) OF THE WASTE ROCK AND OVERBURDEN, IS DIFFERENT FROM THAT USED IN THIS DESIGN.
2. THE FORMER LAKES H19 AND H20 WERE NOT COMPLETELY DEWATERED BEFORE THE REMAINING WATER FROZE LAST FALL. THEREFORE, THERE IS A LAYER OF SOLID/CLEAR ICE WITHIN THE FORMER H19 AND H20 AREAS. THIS LAKE ICE LAYER TOGETHER WITH ANY SNOW/ICE WITHIN THE WRSF3 FOOTPRINT SHOULD BE COMPLETELY REMOVED BEFORE PLACING THE WASTE ROCK AND OVERBURDEN IN WRSF3.
3. THE MAXIMUM LIFT THICKNESS DURING WASTE PLACEMENT SHOULD BE LIMITED TO 2.5 M FOR THE OVERBURDEN WASTE AND TO 5.0 M FOR THE WASTE ROCK.

L'INFORMATION CI-DEVANT EST LA PROPRIÉTÉ DE L'AGNICO EAGLE LTD. ET DOIT ÊTRE RETENUE, SANS AUTORISATION ÉCRITE, PAR AGNICO EAGLE LTD. SEULEMENT. TOUTE REPRODUCTION OU COPIE À TITRE D'ILLUSTRATION NE DOIT ÊTRE FAITE QUE PAR AGNICO EAGLE LTD. SEULEMENT. L'INFORMATION CI-DEVANT EST LA PROPRIÉTÉ DE L'AGNICO EAGLE LTD. ET DOIT ÊTRE RETENUE, SANS AUTORISATION ÉCRITE, PAR AGNICO EAGLE LTD. SEULEMENT. TOUTE REPRODUCTION OU COPIE À TITRE D'ILLUSTRATION NE DOIT ÊTRE FAITE QUE PAR AGNICO EAGLE LTD. SEULEMENT.

DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS

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REV.	DATE	DESCRIPTION	PAR/ÉV.	APP.	CLIENT
0	2020-02-21	ISSUED FOR CONSTRUCTION	GZ	WITH	
1	2020-02-14	ISSUED FOR REVIEW	GZ	WITH	

REVISIONS					

PERMIT TO PRACTICE
TETRA TECH CANADA INC.
Signature: [Signature]
Date: Feb 21, 2020
PERMIT NUMBER: P 018
NTNU Association of Professional
Engineers and Geoscientists

TITRE / TITLE
AGNICO EAGLE MELIADINE GOLD PROJECT
WASTE ROCK STORAGE FACILITY No. 3

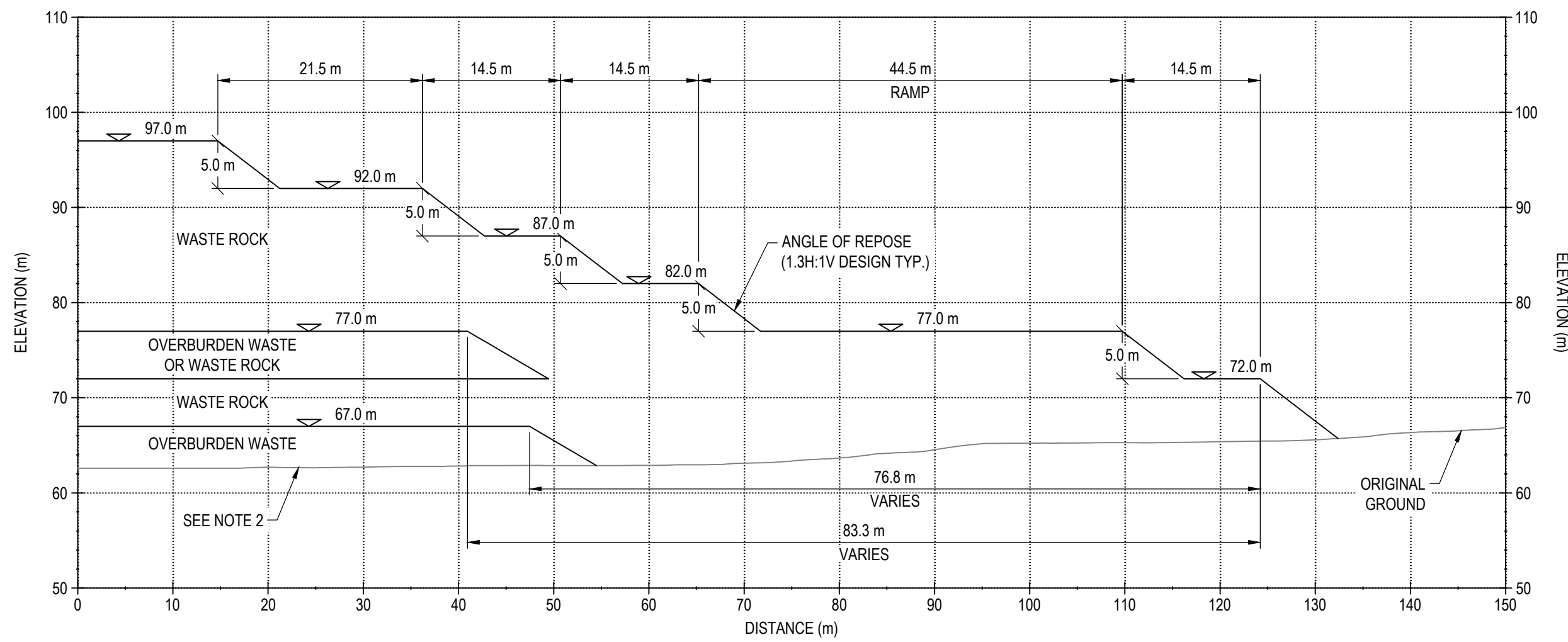
MELIADINE WRSF3 DETAILED DESIGN:
SECTIONS A TO C

DESSINÉ PAR DRAWN BY	EL	DATE 2020-02-21
VÉRIFIÉ PAR CHECKED BY	GZ	2020-02-21
APPROUVÉ PAR APPROVED BY	WITH	2020-02-21

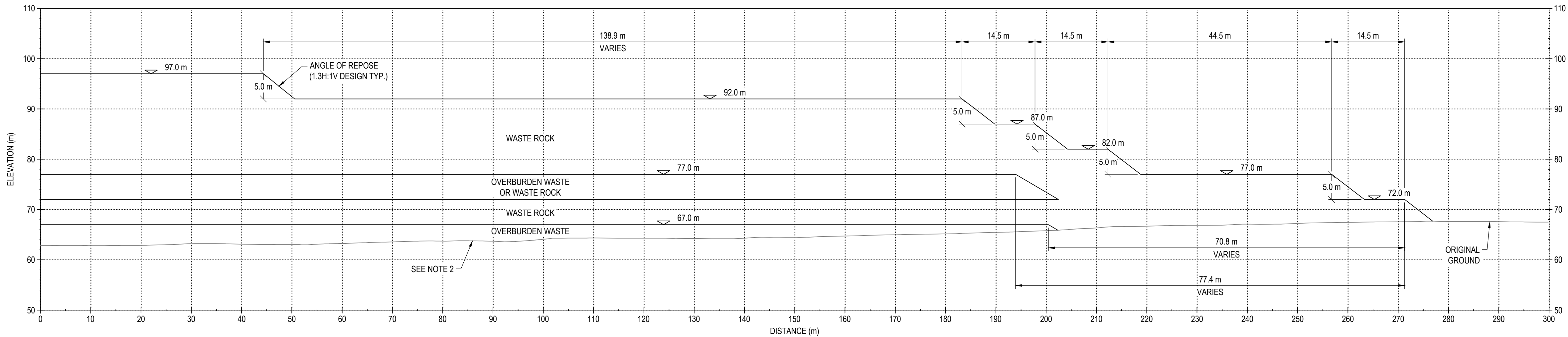
ÉCHELLE SCALE	1:2000	DATE 2020-02-21
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NO. DESIGN
DRAWING NO. 65-686-230-206

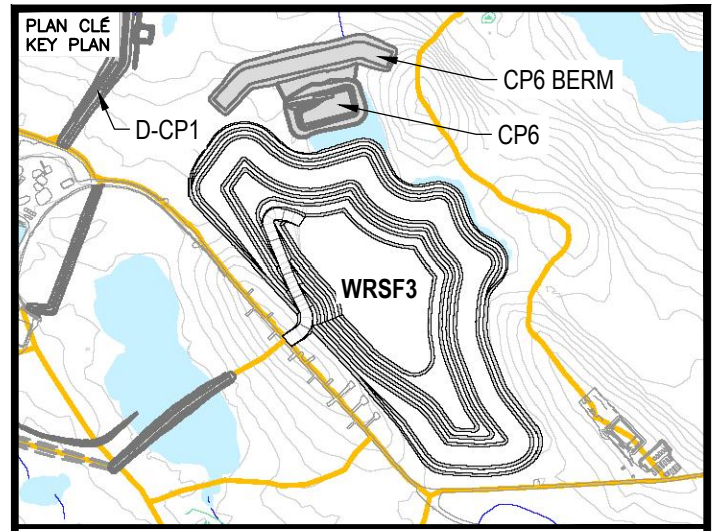
NO. PROJET PROJECT NO.	REVISION	FEUILLE / SHEET
6515	0	2 / 6



D SECTION
SCALE: 1:500



E SECTION
SCALE: 1:500



NOTES GÉNÉRALES / GENERAL NOTES

1. THE WRSF3 DESIGN PRESENTED HEREIN HAS BEEN BASED ON THE WASTE ROCK AND OVERBURDEN PRODUCTION PLAN THAT WAS PROVIDED ON JANUARY 29 AND FEBRUARY 3, 2020 AND THE CORRESPONDING PRELIMINARY WASTE ROCK AND OVERBURDEN PLACEMENT PLAN THAT WAS DEVELOPED FOR THE DESIGN OF WRSF3. THIS WRSF3 DESIGN SHOULD BE REVIEWED OR UPDATED (IF REQUIRED) IF THE FINAL WASTE ROCK AND OVERBURDEN PLACEMENT PLAN FOR WRSF3, ESPECIALLY THE PLACEMENT PLAN FOR THE INITIAL BENCHES (67 M AND 72 M) OF THE WASTE ROCK AND OVERBURDEN, IS DIFFERENT FROM THAT USED IN THIS DESIGN.
2. THE FORMER LAKES H19 AND H20 WERE NOT COMPLETELY DEWATERED BEFORE THE REMAINING WATER FROZE LAST FALL. THEREFORE, THERE IS A LAYER OF SOLID/CLEAR ICE WITHIN THE FORMER H19 AND H20 AREAS. THIS LAKE ICE LAYER TOGETHER WITH ANY SNOW/ICE WITHIN THE WRSF3 FOOTPRINT SHOULD BE COMPLETELY REMOVED BEFORE PLACING THE WASTE ROCK AND OVERBURDEN IN WRSF3.
3. THE MAXIMUM LIFT THICKNESS DURING WASTE PLACEMENT SHOULD BE LIMITED TO 2.5 M FOR THE OVERBURDEN WASTE AND TO 5.0 M FOR THE WASTE ROCK.

L'INFORMATION CONTENUE EST LA PROPRIÉTÉ DE L'AGNICO EAGLE LTD. ET DOIT ÊTRE RETENUE SANS AUTORIZATION ÉCRITE. NOUVEAUX, TOUTES MODIFICATIONS DE L'INFORMATION DOIVENT ÊTRE APPROUVÉES PAR L'AGNICO EAGLE LTD. L'INFORMATION CONTENUE EST LA PROPRIÉTÉ DE L'AGNICO EAGLE LTD. AND MUST BE RETAINED WITHOUT WRITTEN PERMISSION. NO CHANGES OR MODIFICATIONS TO THE INFORMATION SHOULD BE MADE WITHOUT THE WRITTEN PERMISSION OF AGNICO EAGLE LTD.

DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS

TITRE / TITLE	# DWG
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AGNICO EAGLE

REV.	DATE	DESCRIPTION	PAR/ÉV.	APP.	CLIENT
0	2020-02-21	ISSUED FOR CONSTRUCTION	GZ	WITH	
1	2020-02-14	ISSUED FOR REVIEW	GZ	WITH	

REVISIONS



TITRE / TITLE
AGNICO EAGLE MELIADINE GOLD PROJECT
WASTE ROCK STORAGE FACILITY No. 3

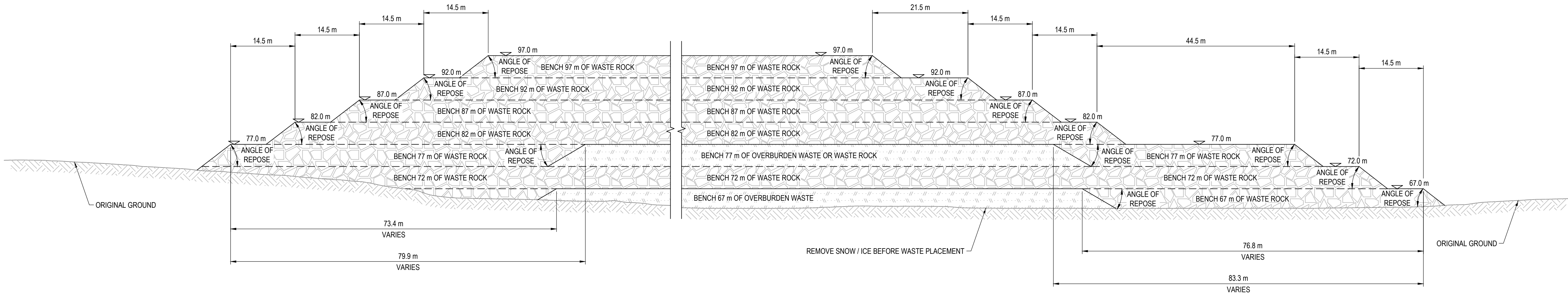
MELIADINE WRSF3 DETAILED DESIGN:
SECTIONS D AND E

DESSINÉ PAR DRAWN BY	EL	DATE 2020-02-21
VÉRIFIÉ PAR CHECKED BY	GZ	2020-02-21
APPROUVÉ PAR APPROVED BY	WITH	2020-02-21
ÉCHELLE SCALE	1:2000	DATE 2020-02-21

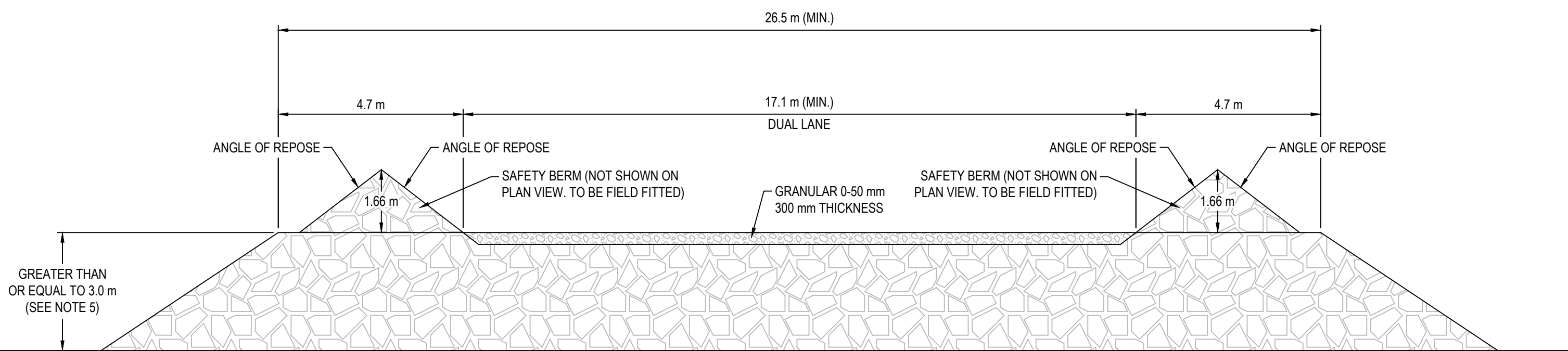
NO. DESIGN
DRAWING NO.
65-686-230-207

NO. PROJET PROJECT NO.	REVISION	FEUILLE / SHEET
6515	0	3 / 6

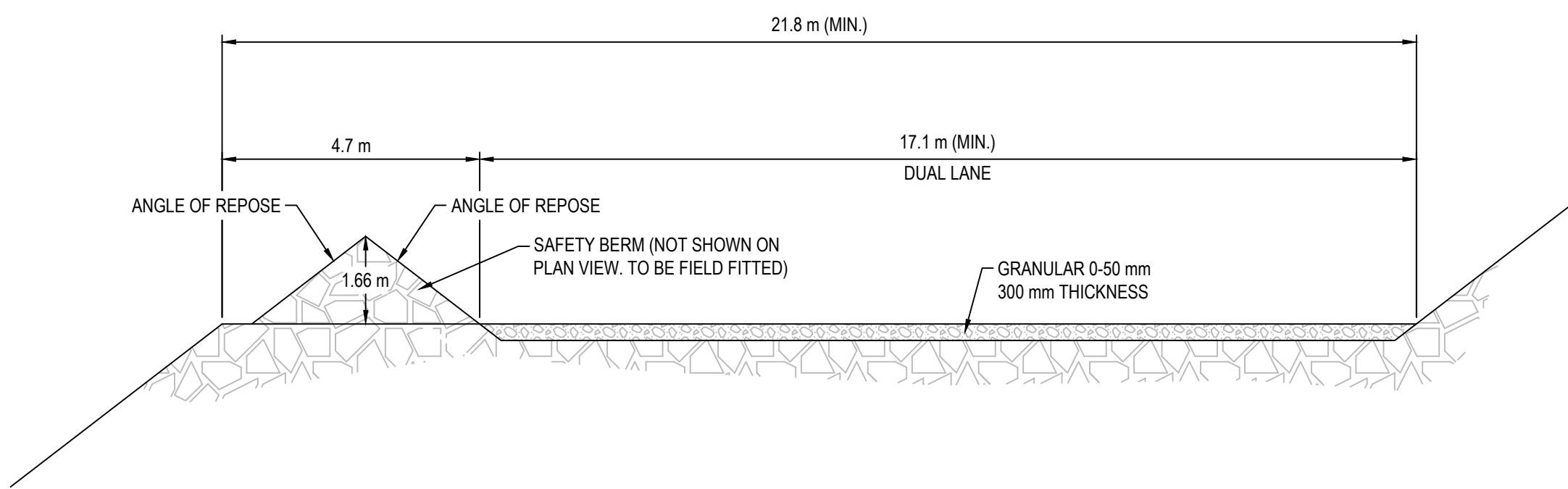
H
G
F
E
D
C
B
A



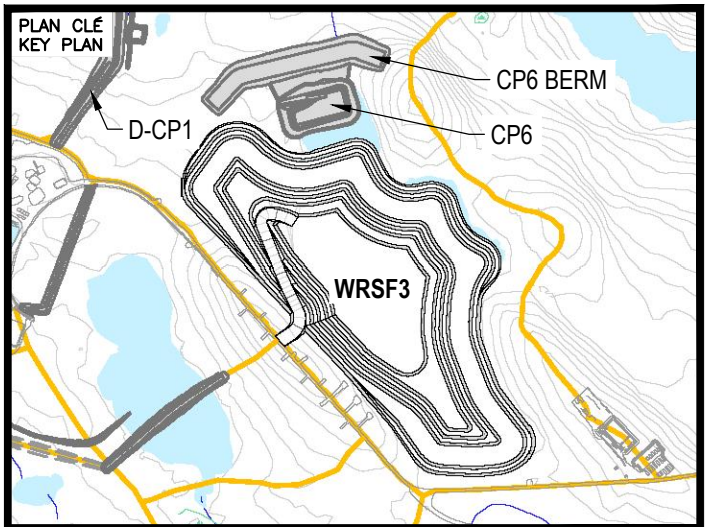
F TYPICAL SECTION WITHOUT ACCESS RAMP
SCALE: 1:500



TYPICAL ACCESS RAMP FOR HAUL ROAD WITH TWO SIDE SAFETY BERMS
N.T.S.



TYPICAL ACCESS RAMP FOR HAUL ROAD WITH ONE SIDE SAFETY BERM
N.T.S.



NOTES GÉNÉRALES / GENERAL NOTES

- THE WRSF3 DESIGN PRESENTED HEREIN HAS BEEN BASED ON THE WASTE ROCK AND OVERBURDEN PRODUCTION PLAN THAT WAS PROVIDED ON JANUARY 29 AND FEBRUARY 3, 2020 AND THE CORRESPONDING PRELIMINARY WASTE ROCK AND OVERBURDEN PLACEMENT PLAN THAT WAS DEVELOPED FOR THE DESIGN OF WRSF3. THIS WRSF3 DESIGN SHOULD BE REVIEWED OR UPDATED (IF REQUIRED) IF THE FINAL WASTE ROCK AND OVERBURDEN PLACEMENT PLAN FOR WRSF3, ESPECIALLY THE PLACEMENT PLAN FOR THE INITIAL BENCHES (67 M AND 72 M) OF THE WASTE ROCK AND OVERBURDEN, IS DIFFERENT FROM THAT USED IN THIS DESIGN.
- THE FORMER LAKES H19 AND H20 WERE NOT COMPLETELY DEWATERED BEFORE THE REMAINING WATER FROZE LAST FALL. THEREFORE, THERE IS A LAYER OF SOLID/CLEAR ICE WITHIN THE FORMER H19 AND H20 AREAS. THIS LAKE ICE LAYER TOGETHER WITH ANY SNOW/ICE WITHIN THE WRSF3 FOOTPRINT SHOULD BE COMPLETELY REMOVED BEFORE PLACING THE WASTE ROCK AND OVERBURDEN IN WRSF3.
- THE MAXIMUM LIFT THICKNESS DURING WASTE PLACEMENT SHOULD BE LIMITED TO 2.5 M FOR THE OVERBURDEN WASTE AND TO 5.0 M FOR THE WASTE ROCK.
- ACCESS RAMP DESIGNED FOR HAUL TRUCK TYPE OF CAT 775G OR SMALL EQUIPMENT.
- A SAFETY BERM ON THE SIDE OF A HAUL ROAD IS REQUIRED IF A DROP OFF GREATER THAN 3 M EXISTS.

L'INFORMATION CONTENUE EST LA PROPRIÉTÉ DE L'AGNICO EAGLE LTD. ET NE DOIT ÊTRE RÉPÉTÉE, SANS AUTORISATION ÉCRITE, À UN TIERS. L'INFORMATION EST FOURNIE EN L'ÉTAT, SANS GARANTIE, SANS ASSURANCE, SANS RESPONSABILITÉ. L'AGNICO EAGLE LTD. NE GARANTIT PAS LA PRÉCISION DE L'INFORMATION. L'AGNICO EAGLE LTD. NE GARANTIT PAS LA PRÉCISION DE L'INFORMATION. L'AGNICO EAGLE LTD. NE GARANTIT PAS LA PRÉCISION DE L'INFORMATION. L'AGNICO EAGLE LTD. NE GARANTIT PAS LA PRÉCISION DE L'INFORMATION.

DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS

TITRE / TITLE	# DWG
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REV.	DATE	DESCRIPTION	PAR/ÉV.	APP.	CLIENT
0	2020-02-21	ISSUED FOR CONSTRUCTION	GZ	WITH	
1	2020-02-14	ISSUED FOR REVIEW	GZ	WITH	

REVISIONS

PERMIT TO PRACTICE
TETRA TECH CANADA INC.
Signature: *[Signature]*
Date: Feb 21, 2020
PERMIT NUMBER: P 018
NTNU Association of Professional Engineers and Geoscientists

TITRE / TITLE
AGNICO EAGLE MELIADINE GOLD PROJECT
WASTE ROCK STORAGE FACILITY No. 3

MELIADINE WRSF3 DETAILED DESIGN:
TYPICAL SECTION AND ACCESS RAMP

DESSINÉ PAR DRAWN BY	EL	DATE 2020-02-21
VÉRIFIÉ PAR CHECKED BY	GZ	2020-02-21
APPROUVÉ PAR APPROVED BY	WITH	2020-02-21
ÉCHELLE SCALE	1:2000	DATE 2020-02-21

NO. DESSIN DRAWING NO.	65-686-230-208		
NO. PROJET PROJECT NO.	6515	REVISION 0	FEUILLE / SHEET 4 / 6



1. A TOTAL OF 16 THERMISTOR BEADS FOR EACH GROUND TEMPERATURE CABLE
2. THE THERMISTOR CABLES FOR WRSF3-HGTC-11 AND WRSF3-HGTC-12 WERE MANUFACTURED BEFORE THE DESIGN OF WRSF3. THESE CABLES WERE INSTALLED ON JANUARY 25 AND 26, 2020 DURING THE SITE INVESTIGATION. DUE TO HOLE SLOUGHING ISSUE, THE BOTTOMS OF BOTH CABLES WERE NOT INSTALLED TO THE DESIGN DEPTH. THE AS-INSTALLED BEAD LOCATIONS INSIDE THE HOLES ARE SHOWN ON THIS DRAWING. THE PLANNED BEAD LOCATIONS FOR THE HORIZONTAL PORTION OF THE CABLES ARE SHOWN SINCE THE ACTUAL INSTALLATION DETAILS ARE NOT AVAILABLE.

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[illegible]

O	2020-02-21	ISSUED FOR CONSTRUCTION	GZ	WTH	
A	2020-02-14	ISSUED FOR REVIEW	GZ	WTH	
REV.	DATE	DESCRIPTION	PAR/BY	APP.	CLIENT

REGISTERED PROFESSIONAL ENGINEER
G. ZHANG
LICENSEE
NTNU

PERMIT TO PRACTICE
TETRA TECH CANADA INC.

Signature: *[Signature]*

Date: Feb 21, 2020

PERMIT NUMBER: P 018
NTNU Association of Professional
Engineers and Geoscientists

MELIADINE WRSF3 DETAILED DESIGN:
GROUND TEMPERATURE CABLE AND
THERMISTOR BEAD LOCATIONS

DESSINÉ PAR DRAWN BY	EL	DATE 2020-02-21
VÉRIFIÉ PAR CHECKED BY	GZ	2020-02-21
APPROUVÉ PAR APPROVED BY	WTH	2020-02-21

NO. PROJ. PROJECT NO.	REVISION	FEUILLE / SHT
	0	5 / 6



Photo 1: WRSF1 - Viewed from CP4—Waste Rock in WRSF in distance.



Photo 2: WRSF1 - Winter placed till—relatively wet, and settling.



Photo 3: WRSF1—Winter placed till—wet and settling. Adjacent to small pond.



Photo 4: WRSF3—Initial lifts of waste rock in WRSF3



Photo 5: WRSF3—Initial lifts of waste rock in WRSF3



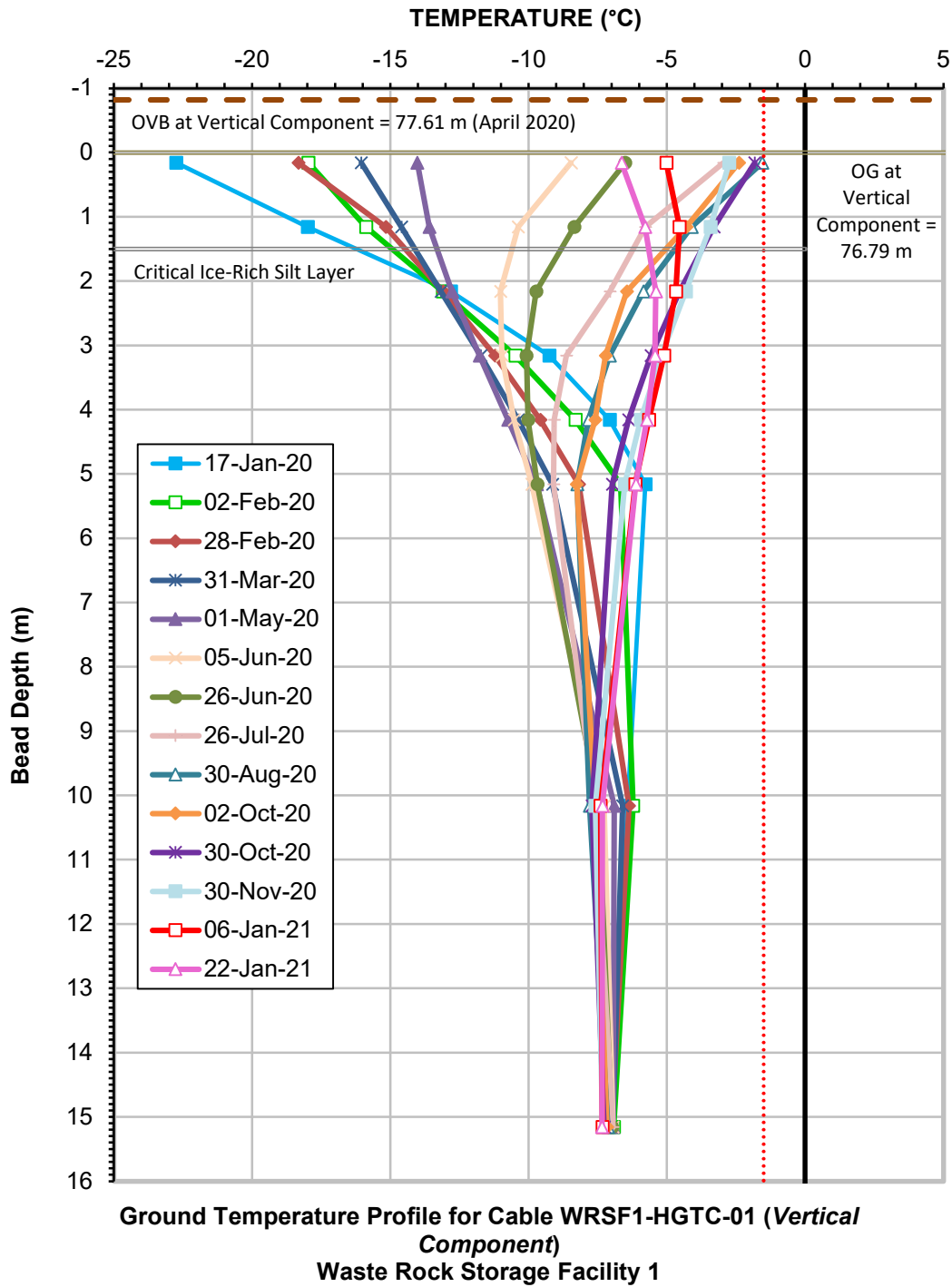
Photo 6: WRSF3—Initial lifts of waste rock in WRSF3—well spread, relatively tight structure



Photo 7: WRSF3—Initial lifts of till in WRSF3



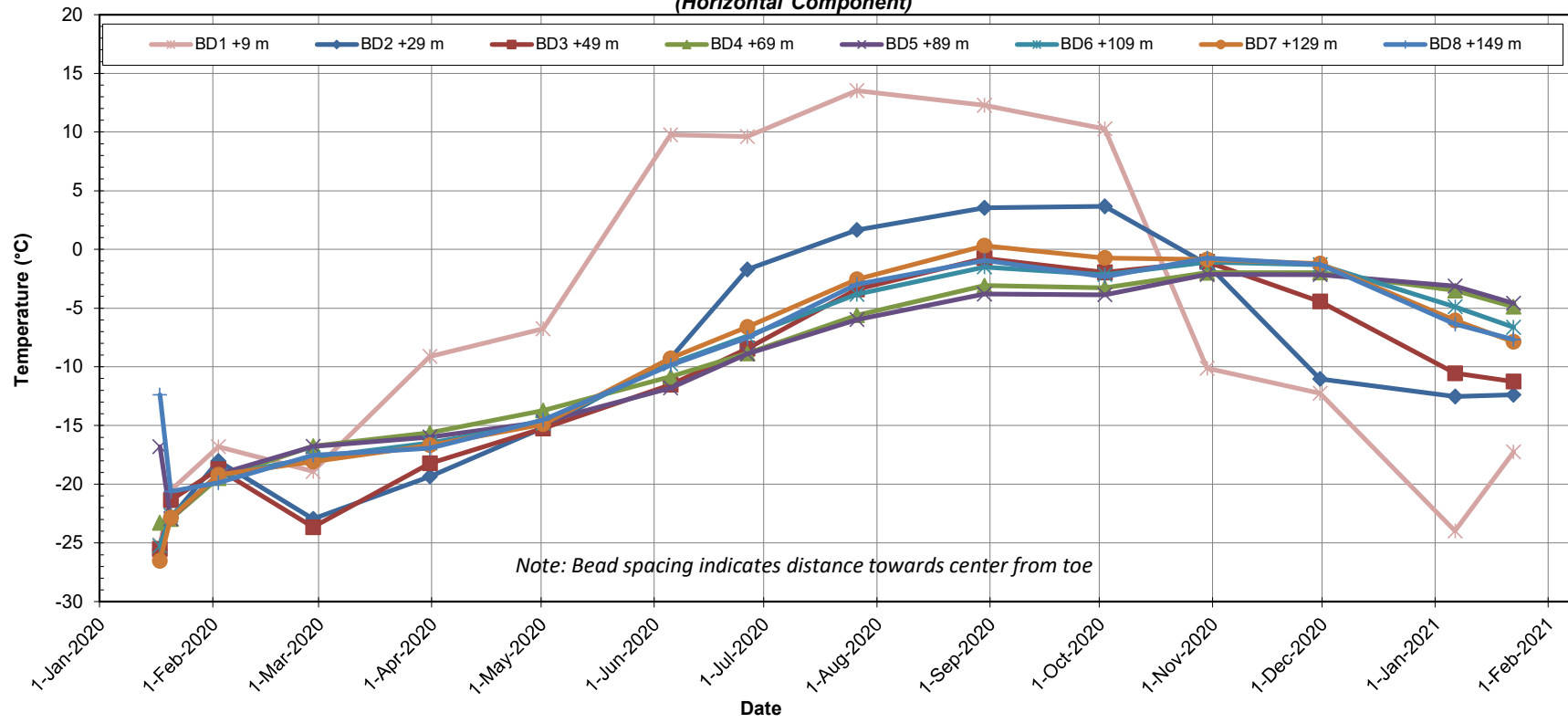
Photo 8: WRSF3—Waste rock in WRSF3

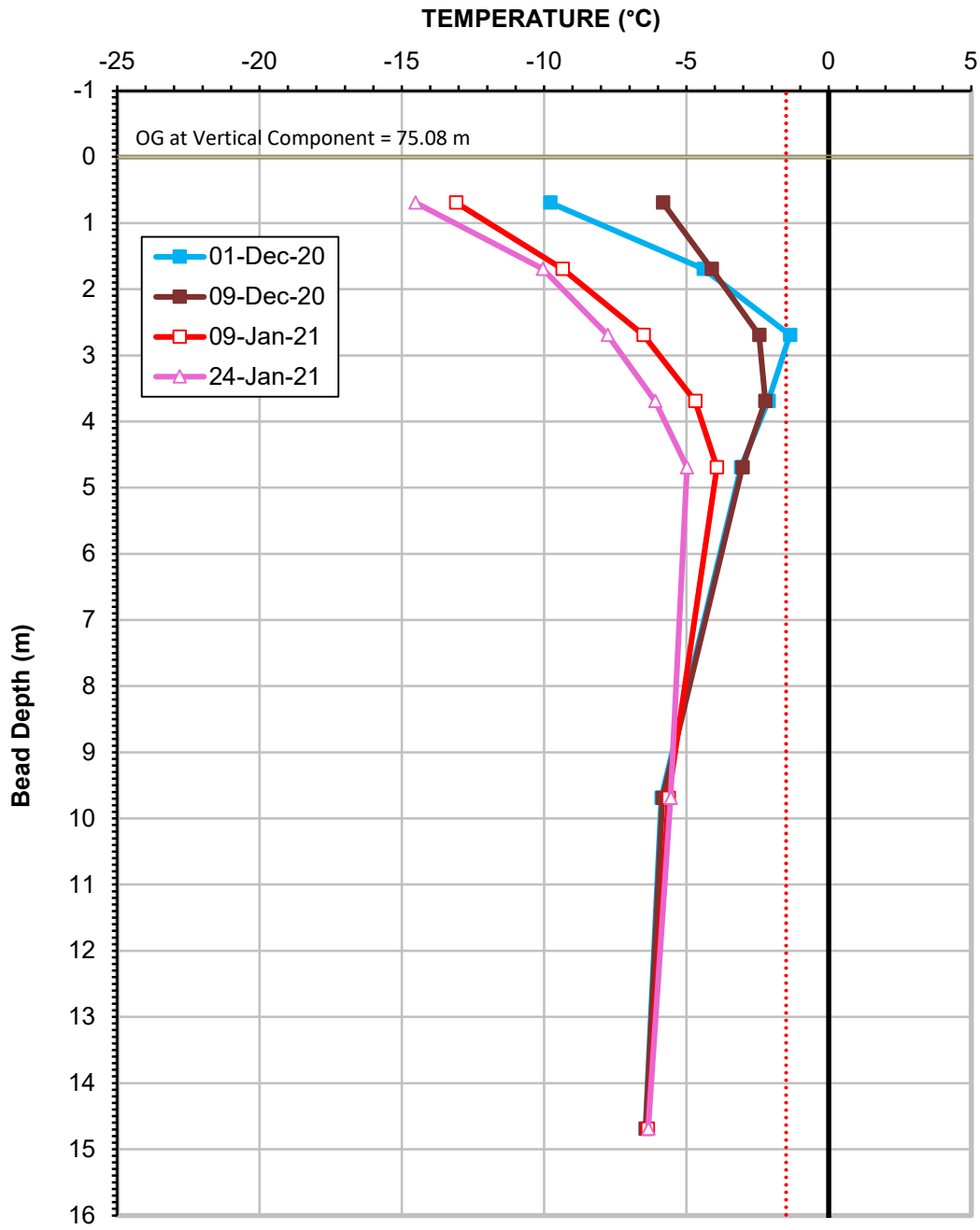


Date Installed: January 14, 2020

WRSF1-HGTC-01

(Horizontal Component)

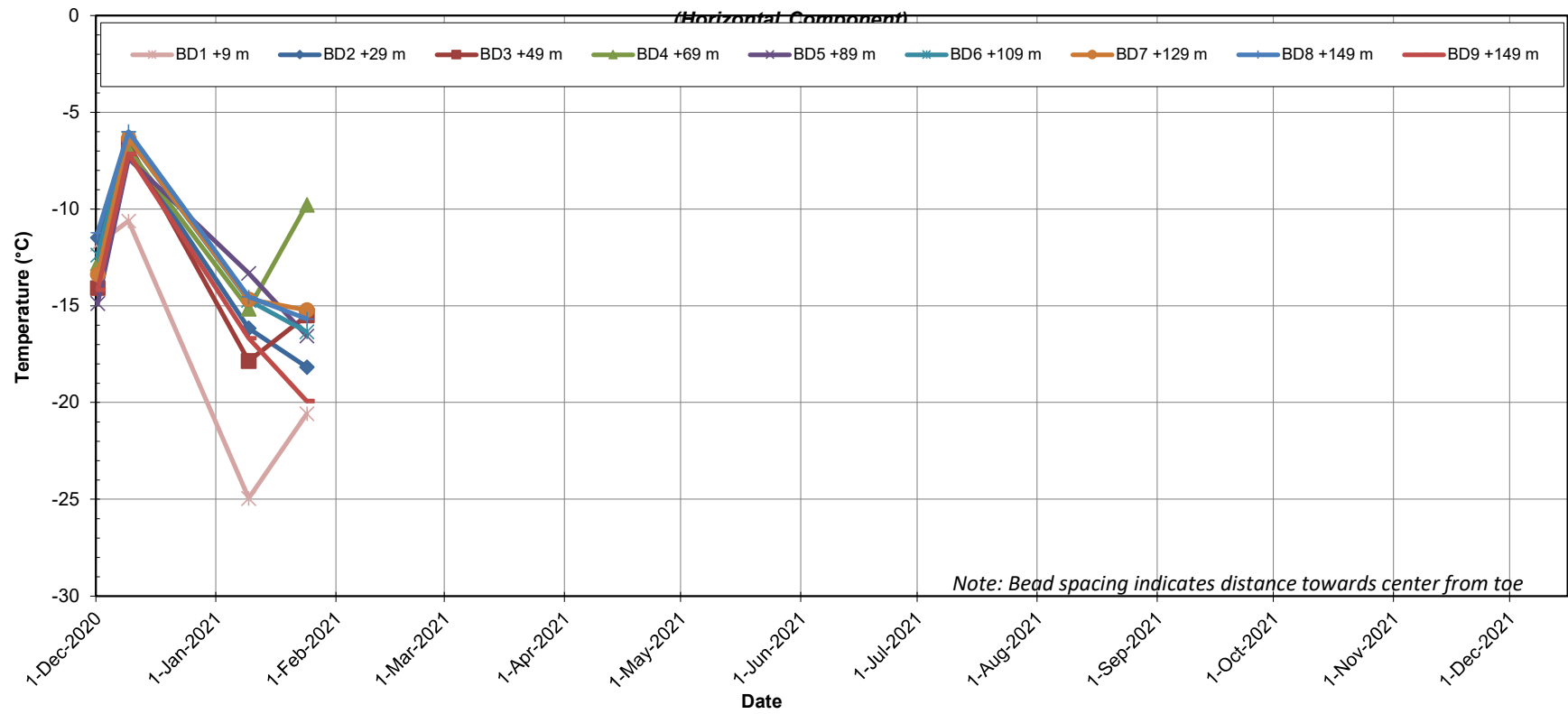


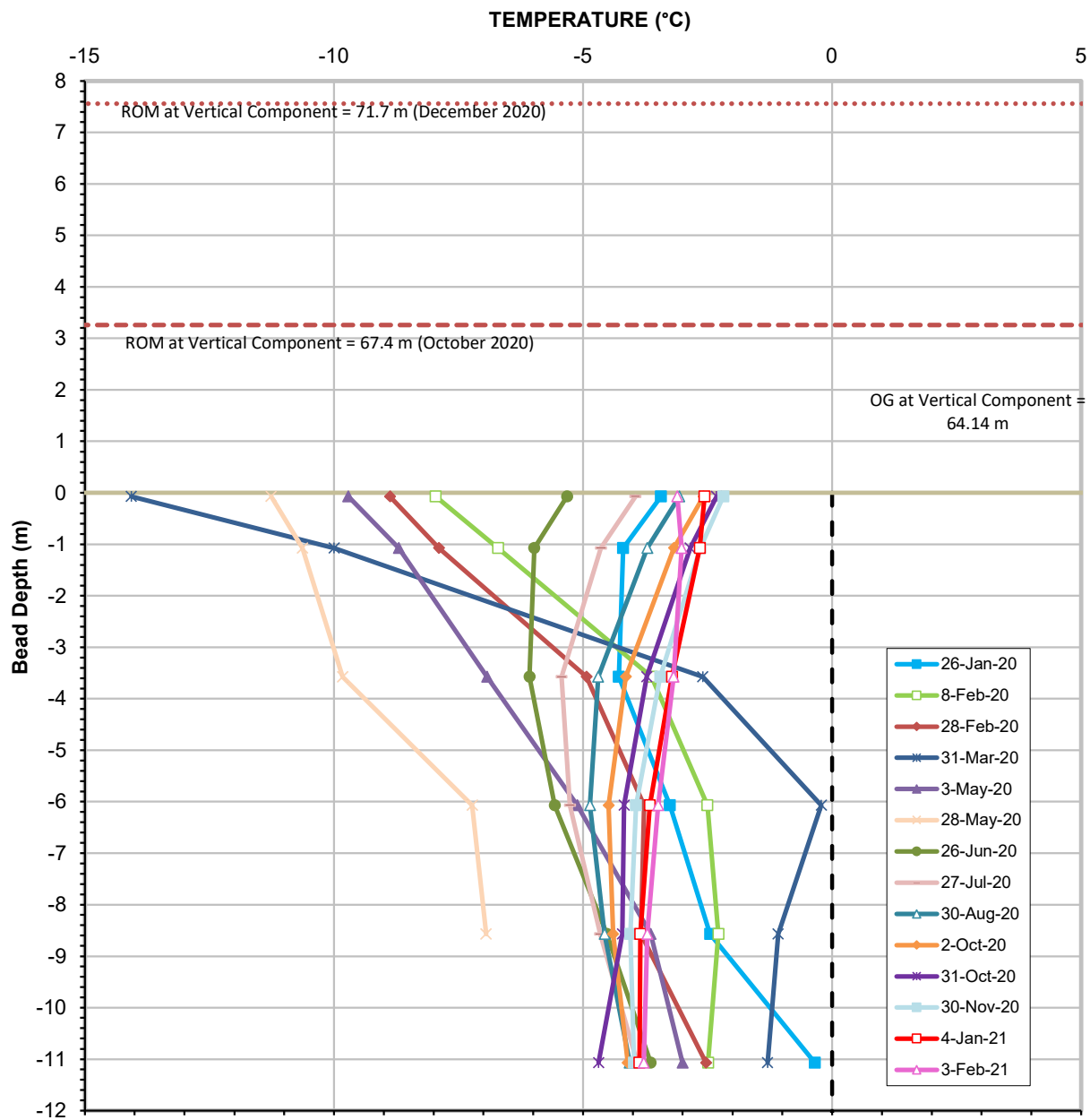


Ground Temperature Profile for Cable WRSF1-HGTC-02 (Vertical Component)
Waste Rock Storage Facility 1

Date Installed: December 1, 2020

WRSF1-HGTC-02



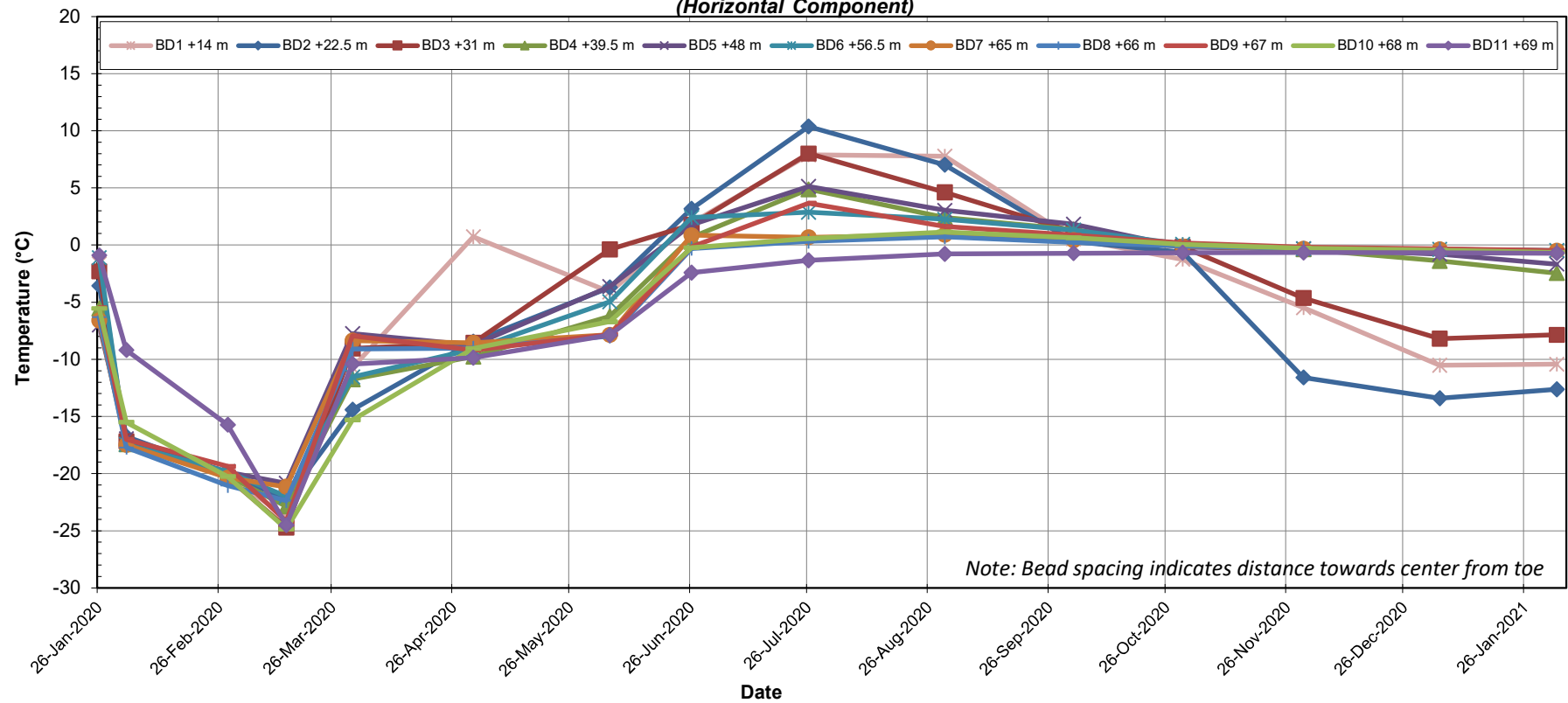


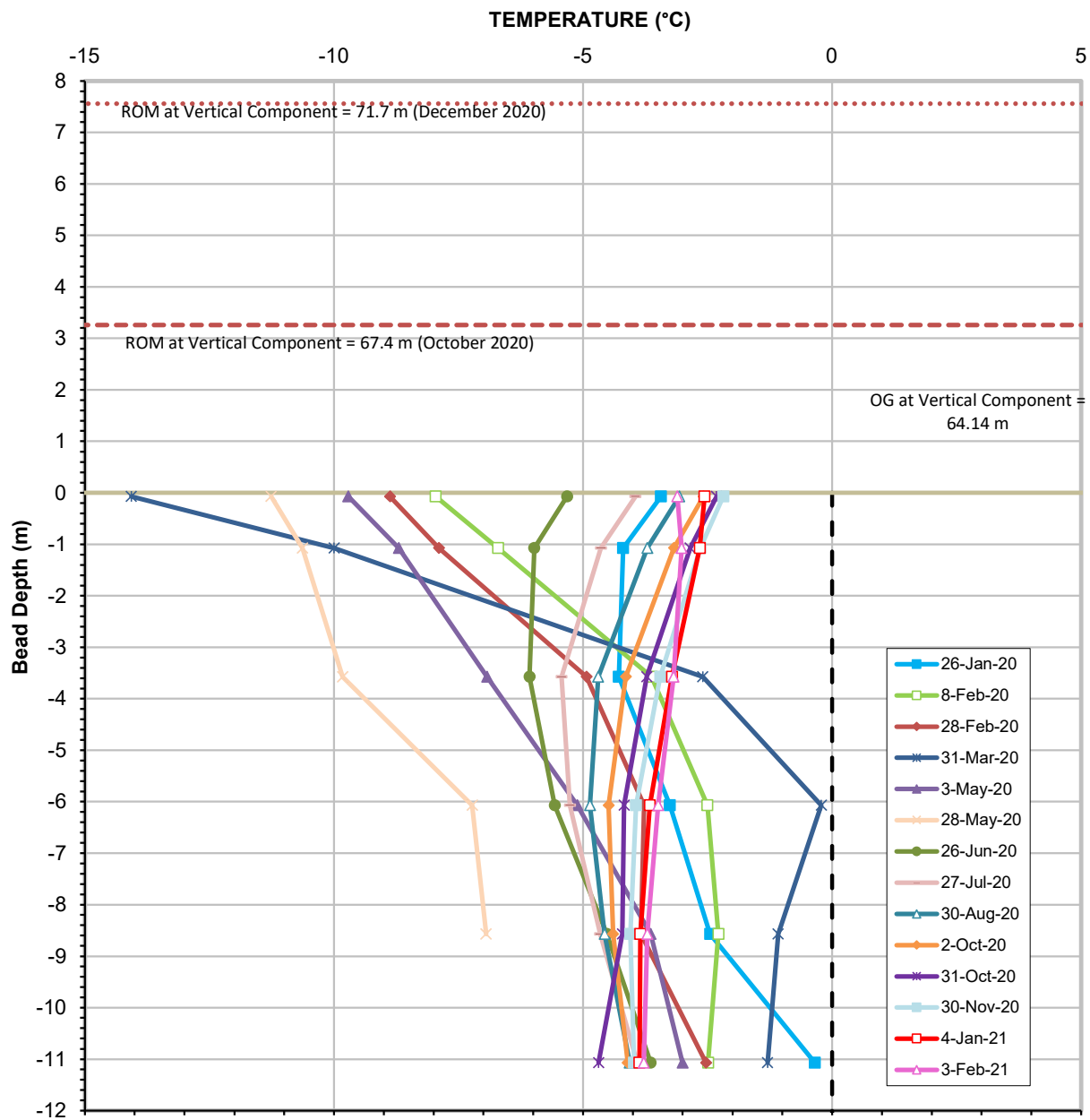
Serial No.: 2711
Date Installed: January 26, 2020

**Ground Temperature Profile for Cable WRSF3-HGTC-02
(Vertical Component)
Waste Rock Storage Facility 3**

WRSF3-HGTC-01

(Horizontal Component)





Serial No.: 2711
Date Installed: January 26, 2020

**Ground Temperature Profile for Cable WRSF3-HGTC-02
(Vertical Component)
Waste Rock Storage Facility 3**

WRSF3-HGTC-02

(Horizontal Component)

