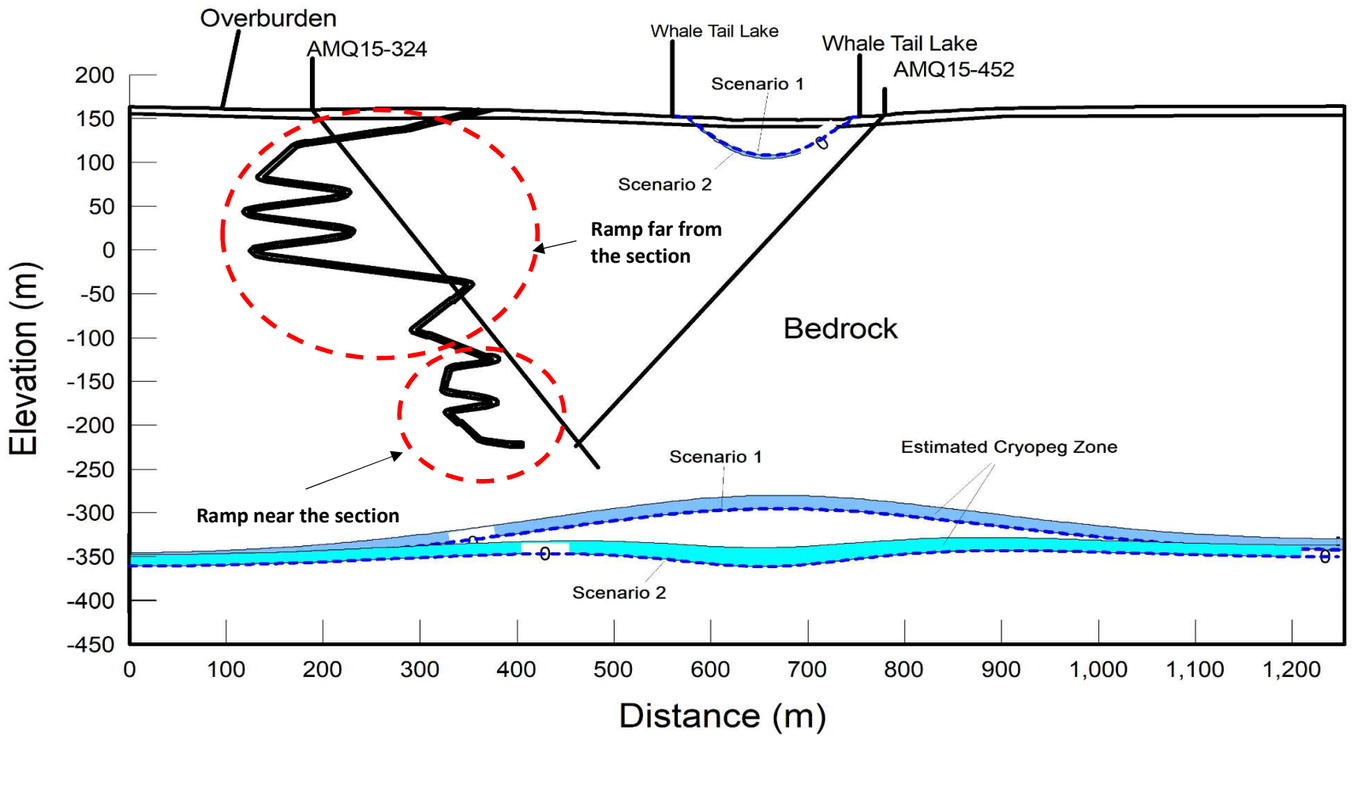
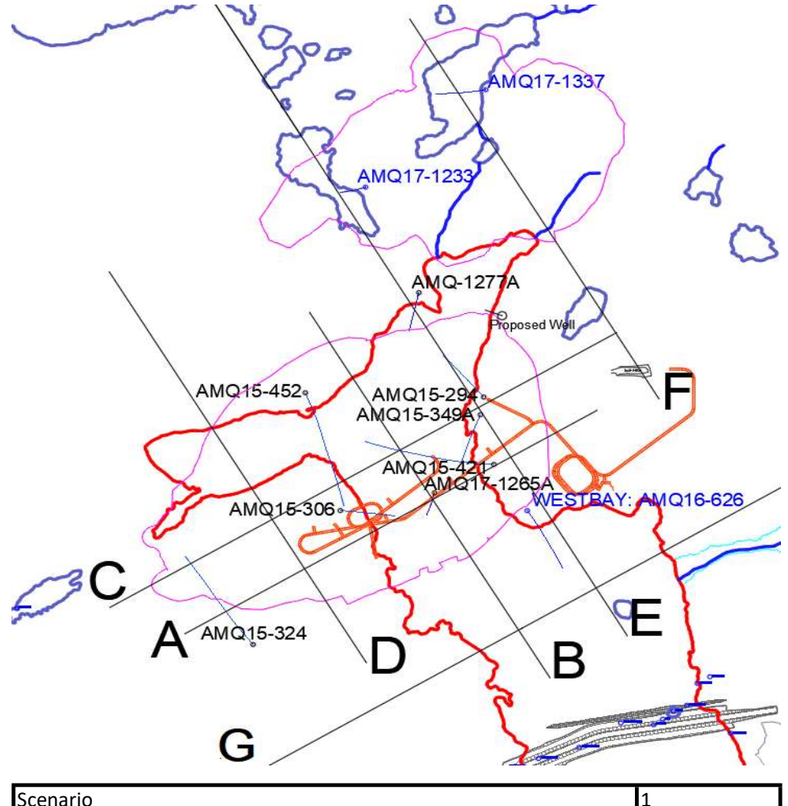




Zero Temperature Isoline

Scenario	1
Ground Temperature (oC)	-10
Whale Tail Lake Temperature (oC)	0 to 3
Shallow Lakes Temperature – other than Whale Tail Lake (oC)	n/a
Heat Flux (J/s)	0.048
Thermal Gradient (oC/m)	0.016

Scenario	2
Ground Temperature (oC)	-9.5
Whale Tail Lake Temperature (oC)	3
Other shallow lake Temperature (oC)	n/a
Heat Flux (beneath ground) J/s	0.048
Thermal Gradient (oC/m)	0.016
Heat Flux (beneath WT Lake) J/s	0.018
Thermal Gradient (oC/m)	0.006

Client:
Agnico Eagle Mines Ltd.

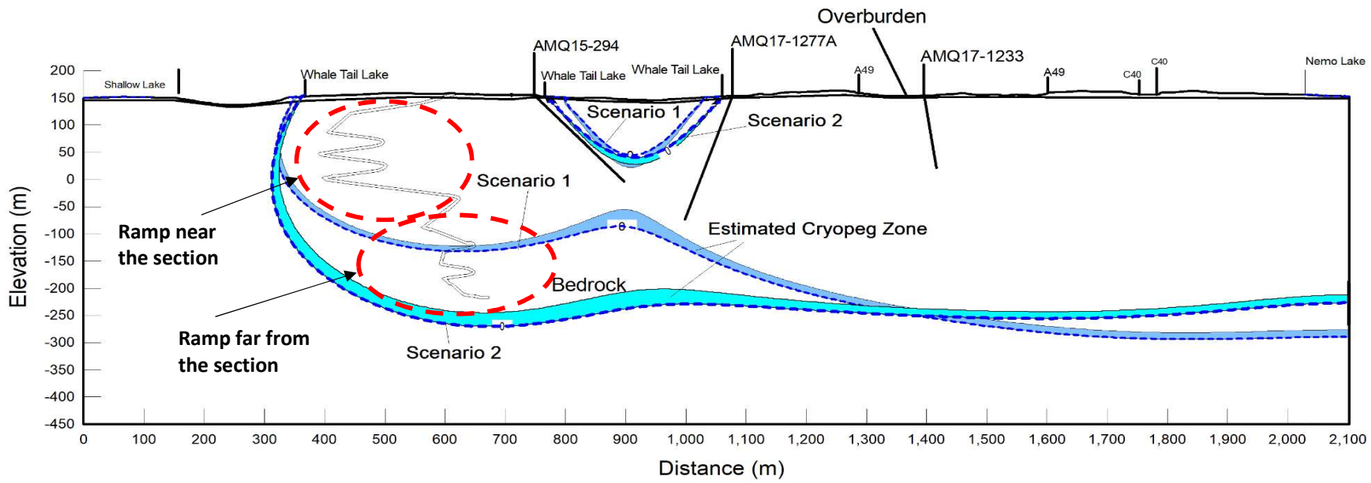
GOLDER

Date:	Mar-19
Design:	RM
Check:	FJ
Review:	

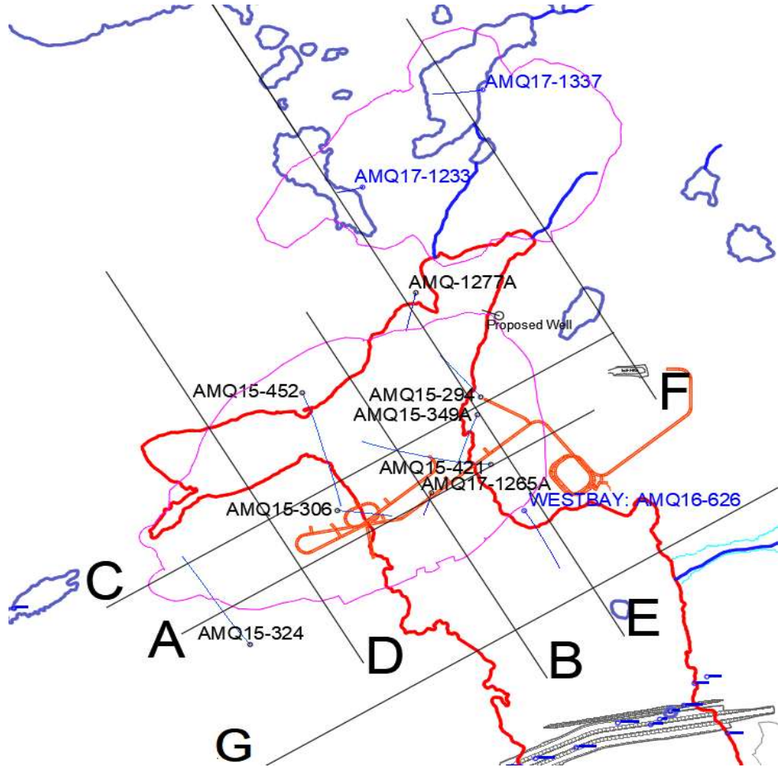
Project: Whale Tail Pit Project

Title: Thermal Model Calibration - Scenarios 1 & 2 - Section D

Project No.	Phase	Version	Figure No.:
18108905			**5**



Zero Temperature Isoline



Scenario	1
Ground Temperature (oC)	-10
Whale Tail Lake Temperature (oC)	0 to 3
Shallow Lakes Temperature – other than Whale Tail Lake (oC)	-7
Heat Flux (J/s)	0.048
Thermal Gradient (oC/m)	0.016

Scenario	2
Ground Temperature (oC)	-9.5
Whale Tail Lake Temperature (oC)	3
Other shallow lake Temperature (oC)	-7
Heat Flux (beneath ground) J/s Thermal Gradient (oC/m)	0.048 0.016
Heat Flux (beneath WT Lake) J/s Thermal Gradient (oC/m)	0.018 0.006

Client:
Agnico Eagle Mines Ltd.

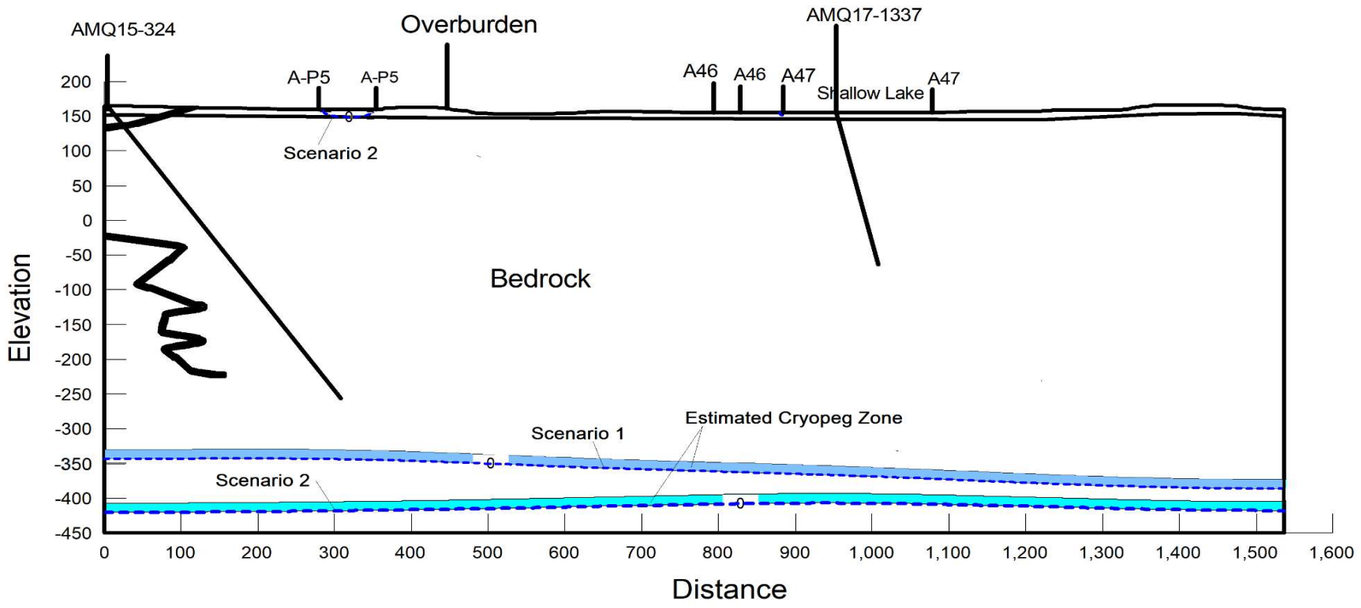
GOLDER

Date:	Mar-19
Design:	RM
Check:	FJ
Review:	

Project: Whale Tail Pit Project

Title: Thermal Model Calibration - Scenarios 1 & 2 - Section E

Project No.	Phase	Version	Figure No.:
18108905			**6**



Zero Temperature Isoline

Scenario	1
Ground Temperature (oC)	-10
Whale Tail Lake Temperature (oC)	n/a
Shallow Lakes Temperature – other than Whale Tail Lake (oC)	-7
Heat Flux (J/s)	0.048
Thermal Gradient (oC/m)	0.016

Scenario	2
Ground Temperature (oC)	-9.5
Whale Tail Lake Temperature (oC)	n/a
Other shallow lake Temperature (oC)	-7
Heat Flux (beneath ground) J/s	0.048
Thermal Gradient (oC/m)	0.016
Heat Flux (beneath WT Lake) J/s	n/a
Thermal Gradient (oC/m)	n/a

Client:
Agnico Eagle Mines Ltd.

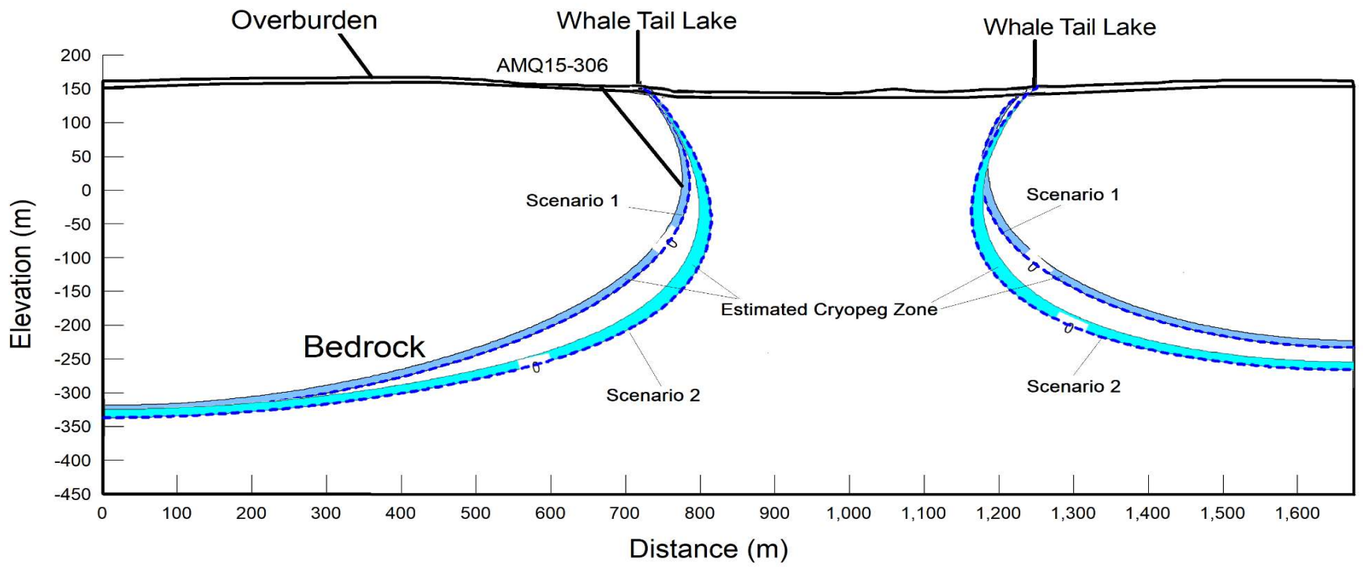
Project: Whale Tail Pit Project

GOLDER

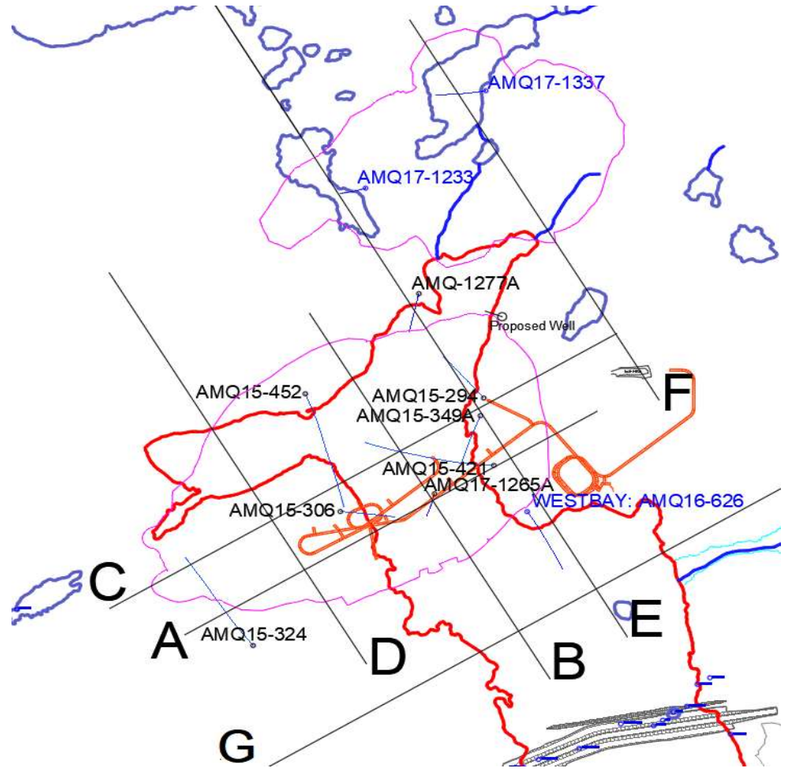
Date:	Mar-19
Design:	RM
Check:	FJ
Review:	

Title: Thermal Model Calibration - Scenarios 1 & 2 - Section F

Project No.	Phase	Version	Figure No.:
18108905			**7**



Zero Temperature Isoline



Scenario	1
Ground Temperature (oC)	-10
Whale Tail Lake Temperature (oC)	0 to 3
Shallow Lakes Temperature – other than Whale Tail Lake (oC)	n/a
Heat Flux (J/s)	0.048
Thermal Gradient (oC/m)	0.016

Scenario	2
Ground Temperature (oC)	-9.5
Whale Tail Lake Temperature (oC)	3
Other shallow lake Temperature (oC)	n/a
Heat Flux (beneath ground) J/s Thermal Gradient (oC/m)	0.048 0.016
Heat Flux (beneath WT Lake) J/s Thermal Gradient (oC/m)	0.018 0.006

Client:
Agnico Eagle Mines Ltd.

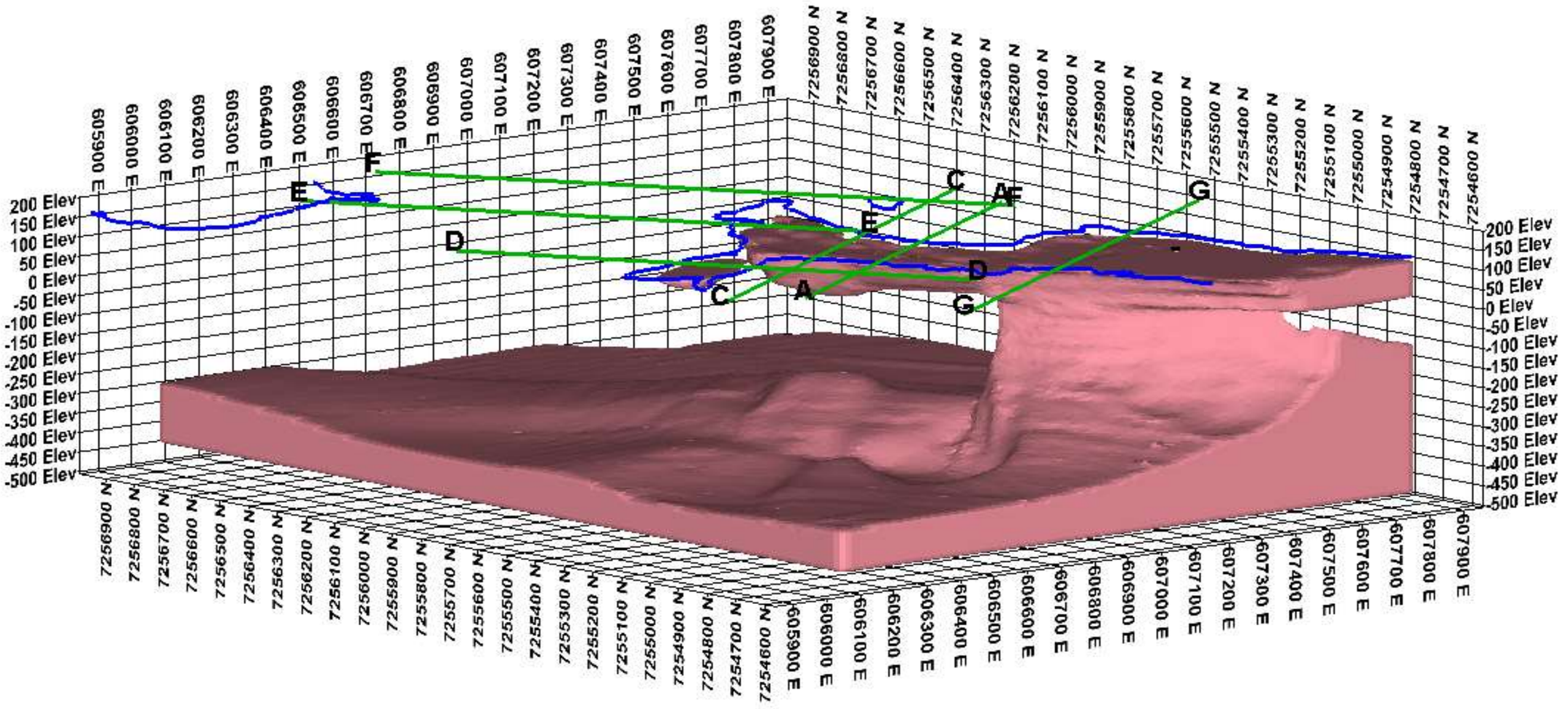
Project: Whale Tail Pit Project

GOLDER

Date:	Mar-19
Design:	RM
Check:	FJ
Review:	

Title: Thermal Model Calibration - Scenarios 1 & 2 - Section G

Project No.	Phase	Version	Figure No.:
18108905			**8**



Client:
Agnico Eagle Mines Ltd.

Project: Whale Tail Pit Project

GOLDER

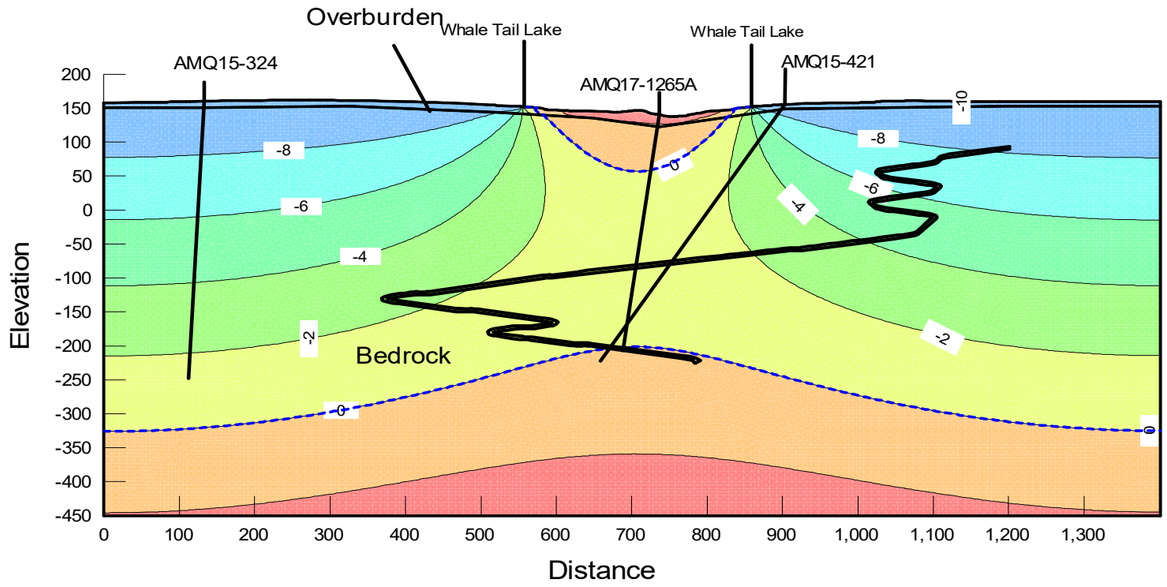
Date:	Mar-19
Design:	RM
Check:	FJ
Review:	

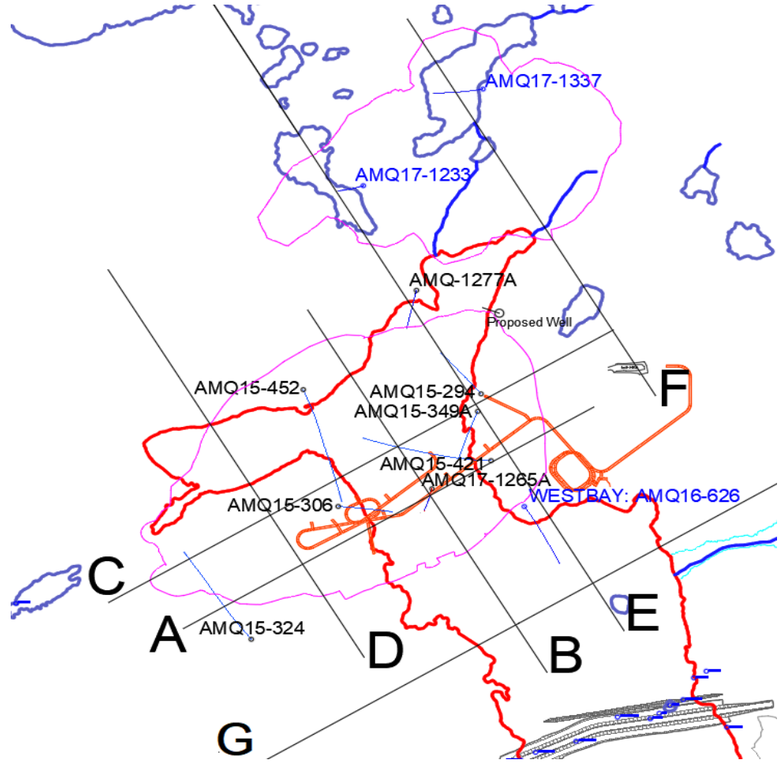
Title: Zero-degree iso-surface produced from the 3D thermal model

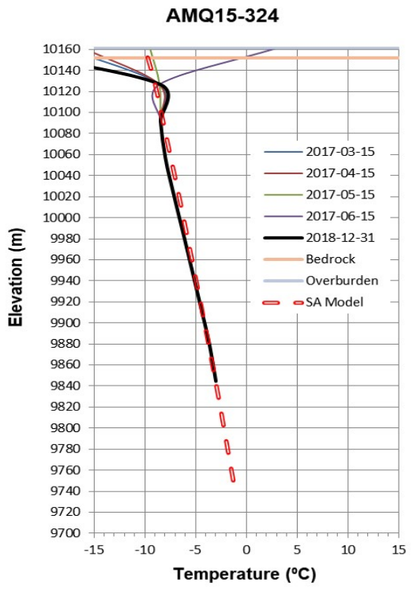
Project No.	Phase	Version	Figure No.:
18108905			**9**

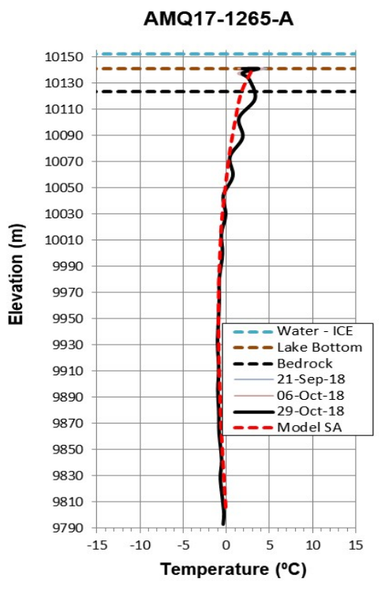
APPENDIX A

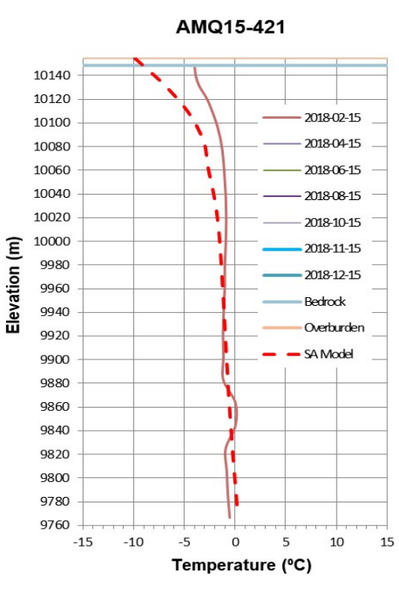
Thermal Model Calibration - Scenario 1











Section	A-A
Ground Temperature (oC)	-10
Whale Tail Lake Temperature (oC)	0 to 3
Shallow Lakes Temperature – other than Whale Tail Lake (oC)	n/a
Heat Flux (J/s)	0.048
Thermal Gradient (oC/m)	0.016

Client:
Agnico Eagle Mines Ltd.

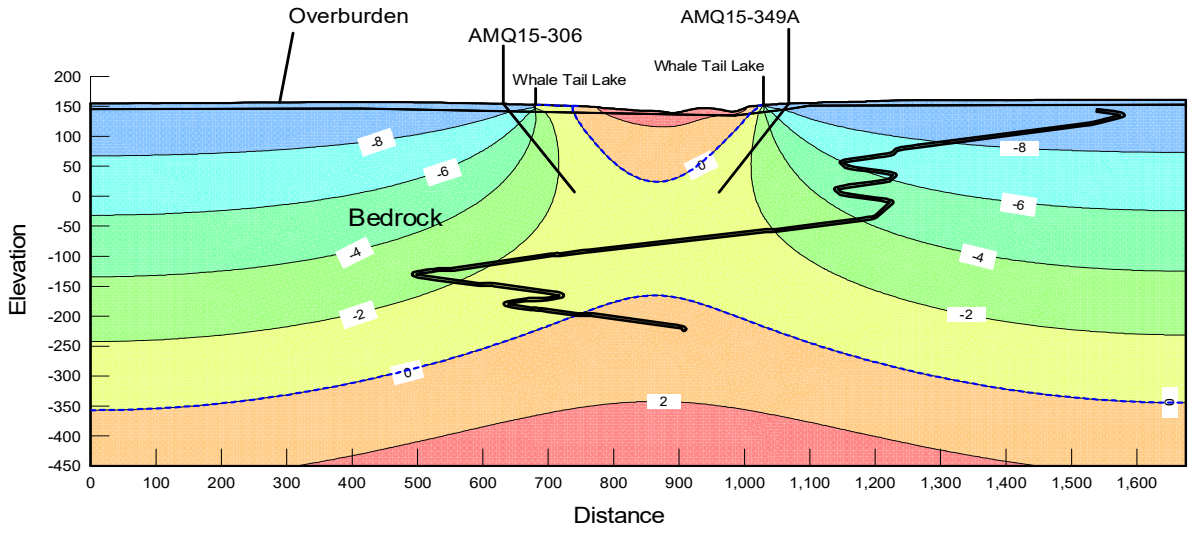
GOLDER

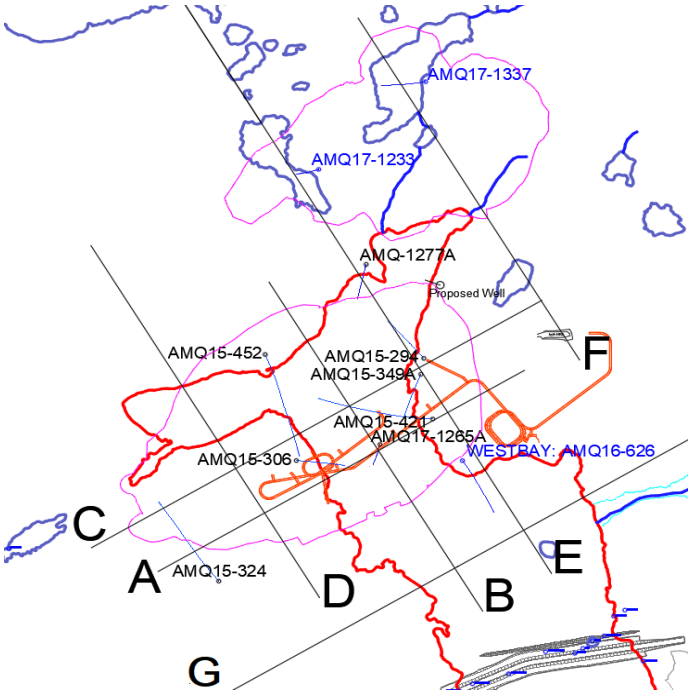
Date:	Mar-19
Design:	RM
Check:	FJ
Review:	JL

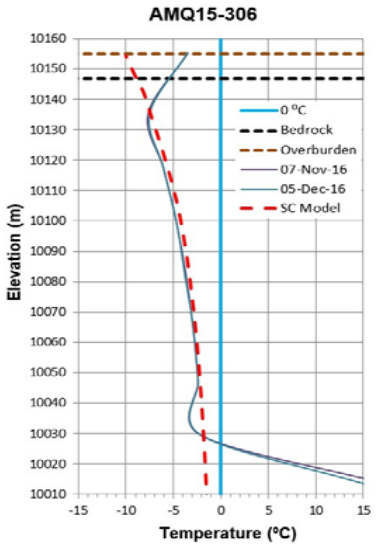
Project: Whale Tail Pit Project

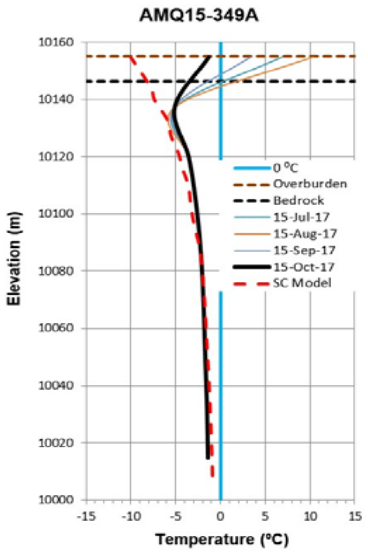
Title: Thermal Model Calibration - Scenario 1 - Section A

Project No.	Phase	Version	Figure No.:
18108905			**A1**









Section	C-C
Ground Temperature (oC)	-10
Whale Tail Lake Temperature (oC)	0 to 3
Shallow Lakes Temperature – other than Whale Tail Lake (oC)	n/a
Heat Flux (J/s)	0.048
Thermal Gradient (oC/m)	0.016

Client:
Agnico Eagle Mines Ltd.

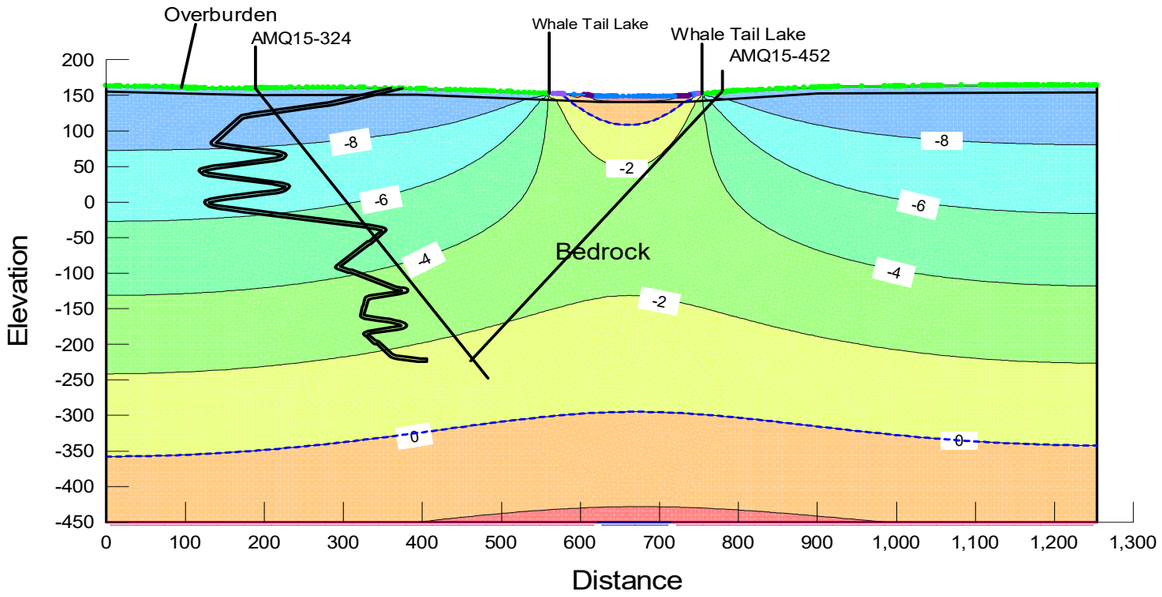
GOLDER

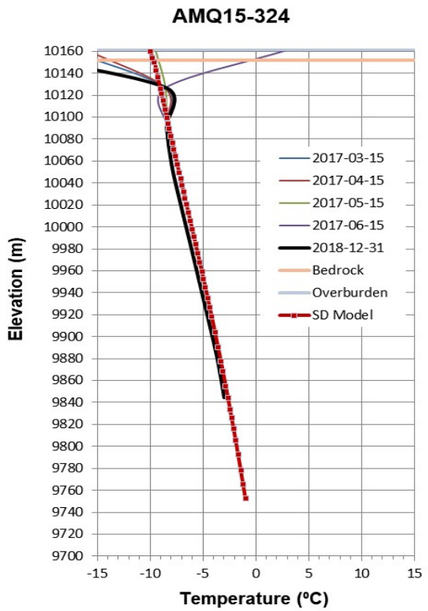
Date:	Mar-19
Design:	RM
Check:	FJ
Review:	JL

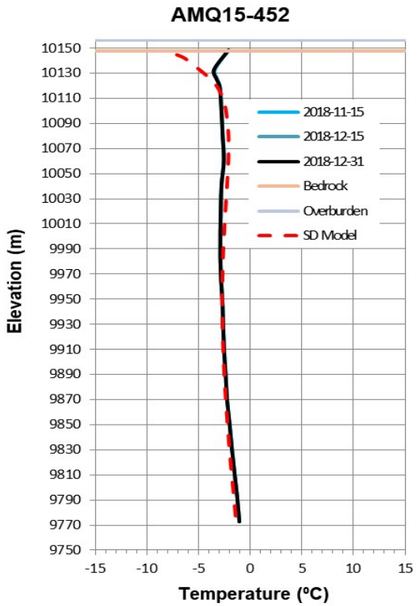
Project: Whale Tail Pit Project

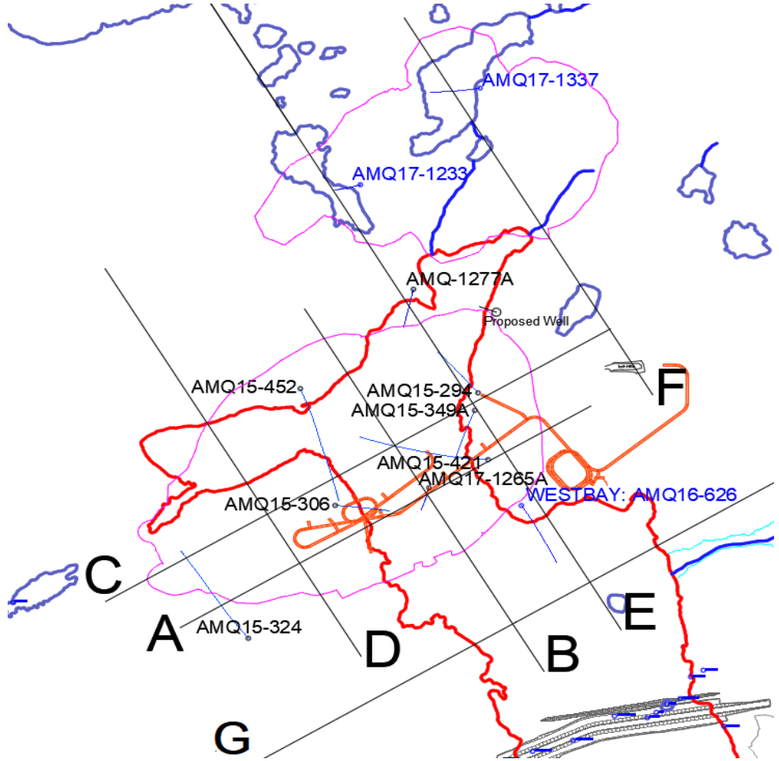
Title: Thermal Model Calibration - Scenario 1 - Section C

Project No.	Phase	Version	Figure No.:
18108905			**A2**









Section	D-D
Ground Temperature (oC)	-10
Whale Tail Lake Temperature (oC)	0 to 3
Shallow Lakes Temperature – other than Whale Tail Lake (oC)	n/a
Heat Flux (J/s)	0.048
Thermal Gradient (oC/m)	0.016

Client:
Agnico Eagle Mines Ltd.

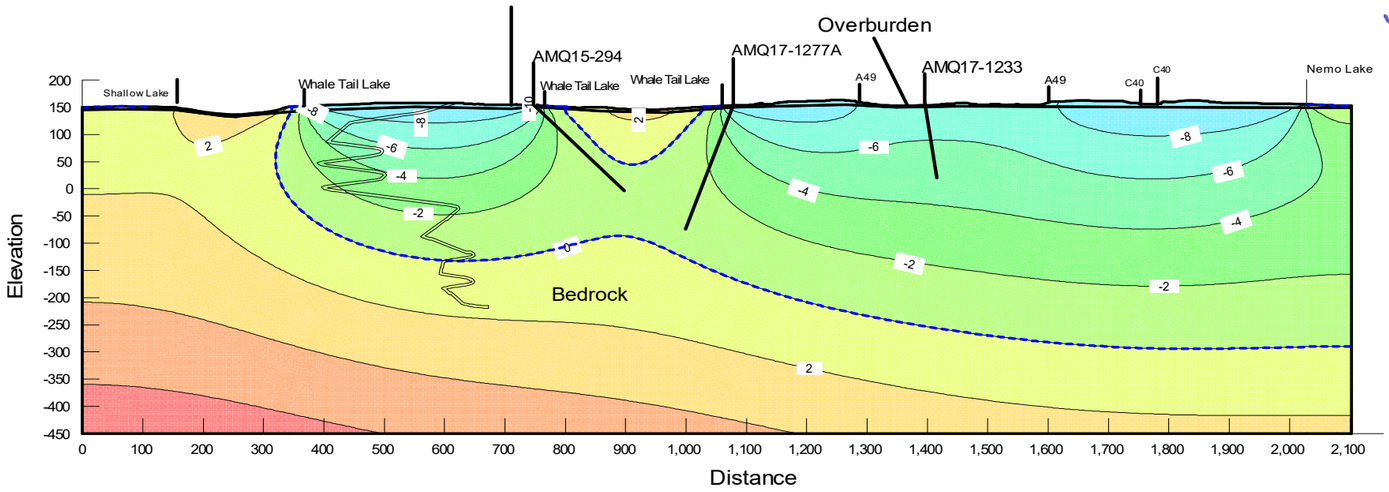
GOLDER

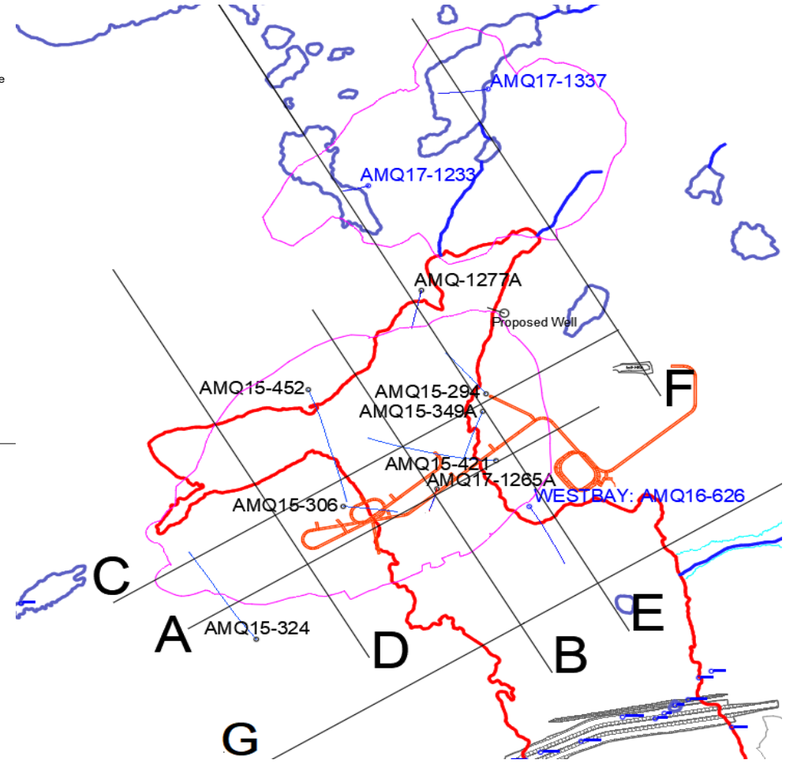
Date:	Mar-19
Design:	RM
Check:	FJ
Review:	JL

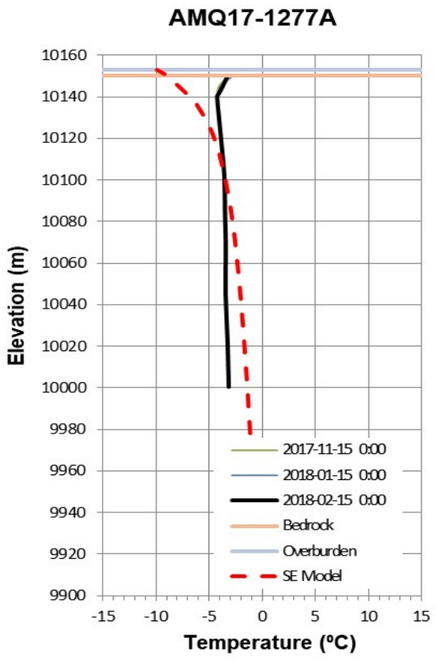
Project: Whale Tail Pit Project

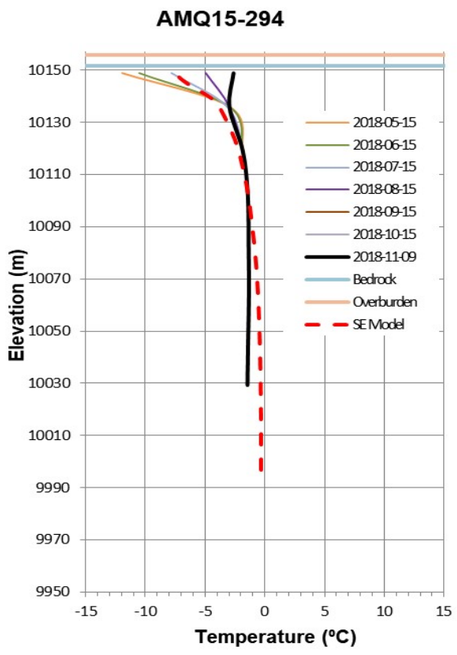
Title: Thermal Model Calibration - Scenario 1 - Section D

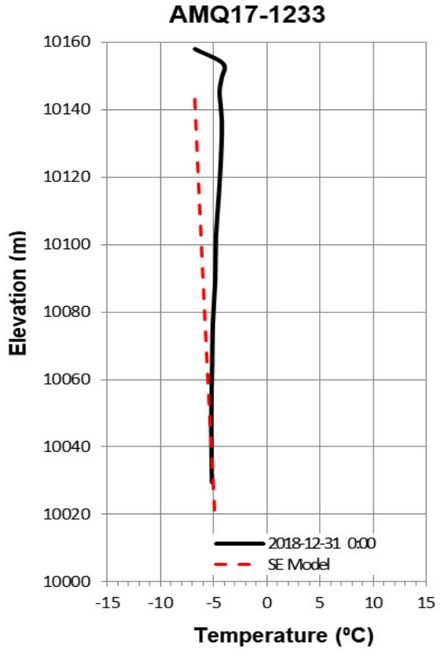
Project No.	Phase	Version	Figure No.:
18108905			**A3**











Section	E-E
Ground Temperature (oC)	-10
Whale Tail Lake Temperature (oC)	0 to 3
Shallow Lakes Temperature – other than Whale Tail Lake (oC)	-7
Heat Flux (J/s)	0.048
Thermal Gradient (oC/m)	0.016

Client:
Agnico Eagle Mines Ltd.

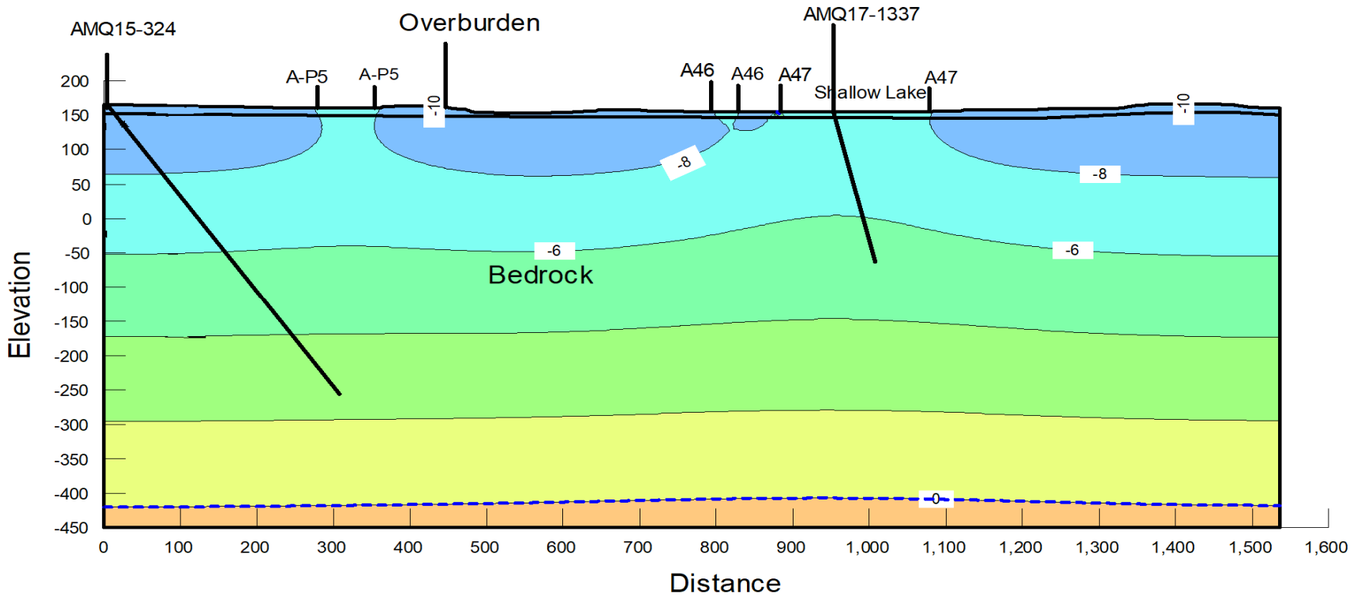
GOLDER

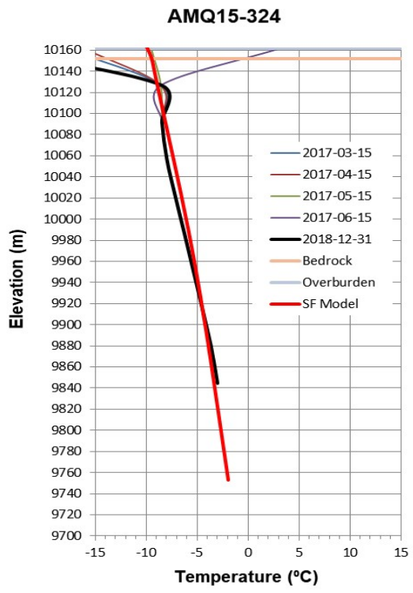
Date:	Mar-19
Design:	RM
Check:	FJ
Review:	JL

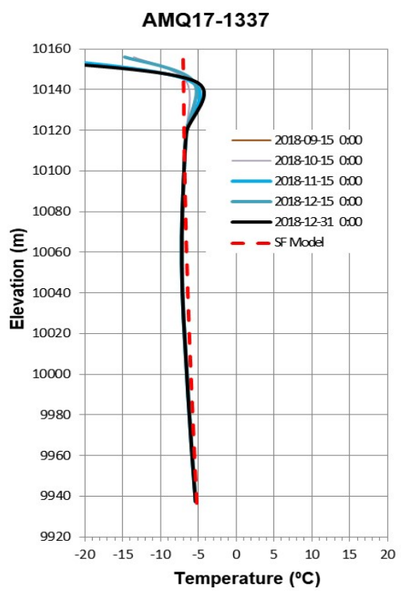
Project: Whale Tail Pit Project

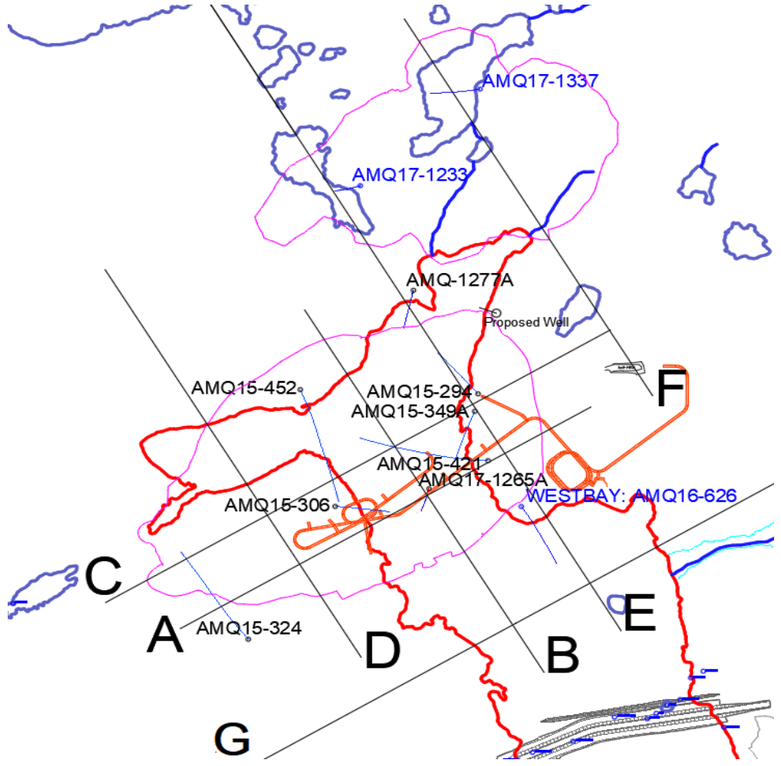
Title: Thermal Model Calibration - Scenario 1 - Section E

Project No.	Phase	Version	Figure No.:
18108905			**A4**









Section	F-F
Ground Temperature (oC)	-10
Whale Tail Lake Temperature (oC)	n/a
Shallow Lakes Temperature – other than Whale Tail Lake (oC)	-7
Heat Flux (J/s)	0.048
Thermal Gradient (oC/m)	0.016

Client:
Agnico Eagle Mines Ltd.

GOLDER

Date:	Mar-19
Design:	RM
Check:	FJ
Review:	JL

Project: Whale Tail Pit Project

Title: Thermal Model Calibration - Scenario 1 - Section F

Project No.	Phase	Version	Figure No.:
18108905			**A5**