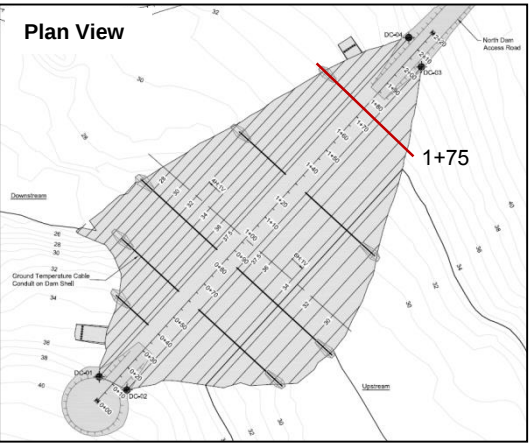
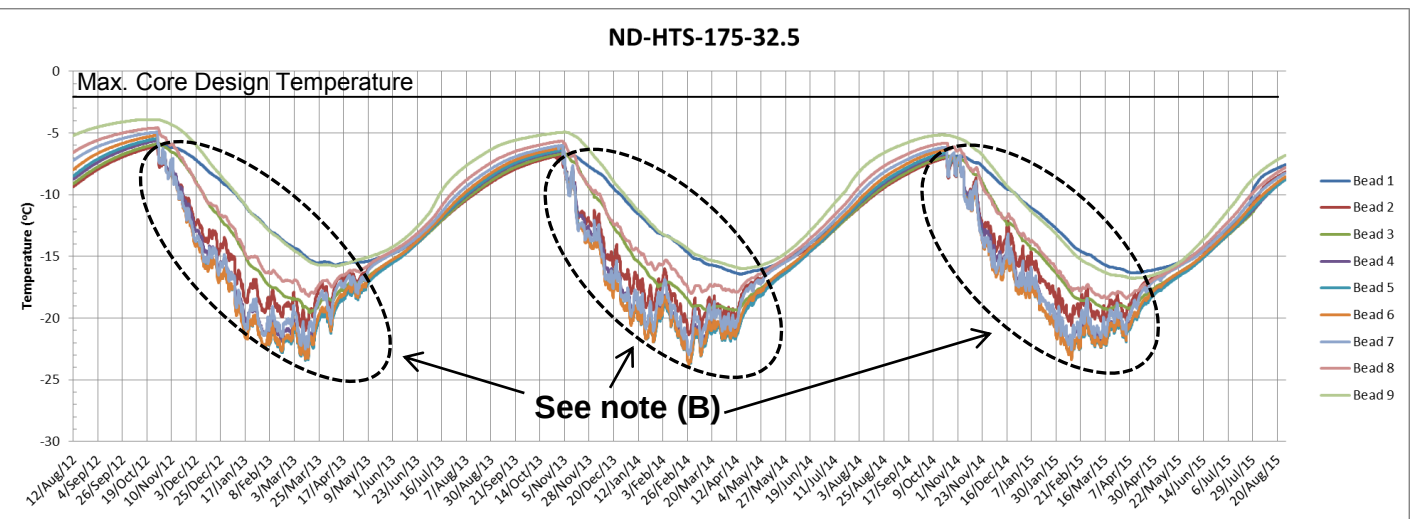
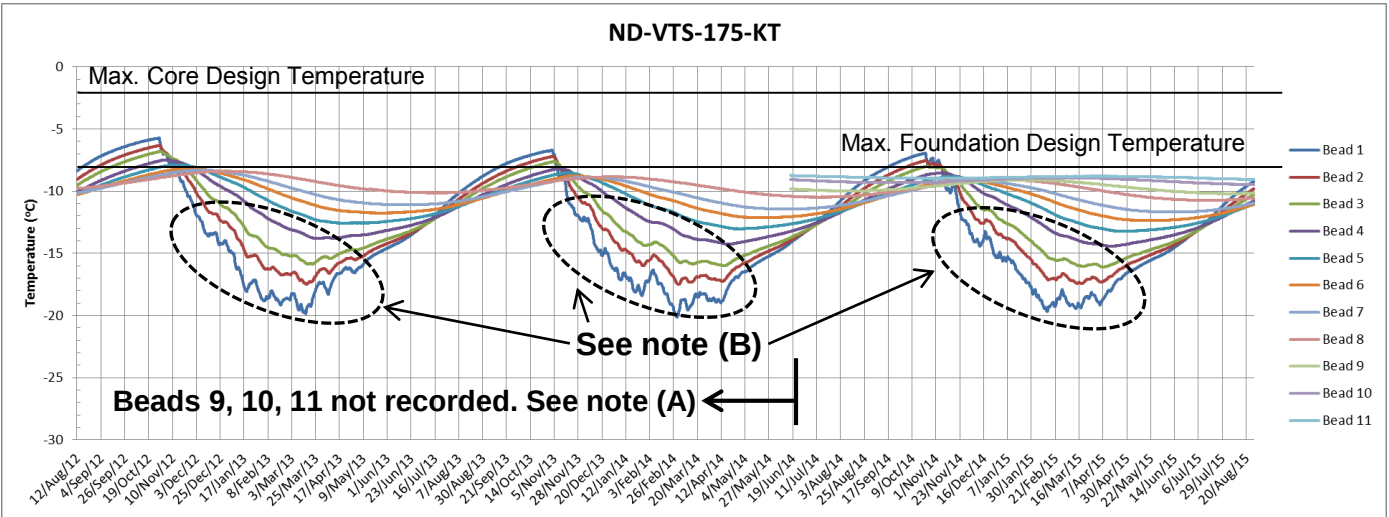
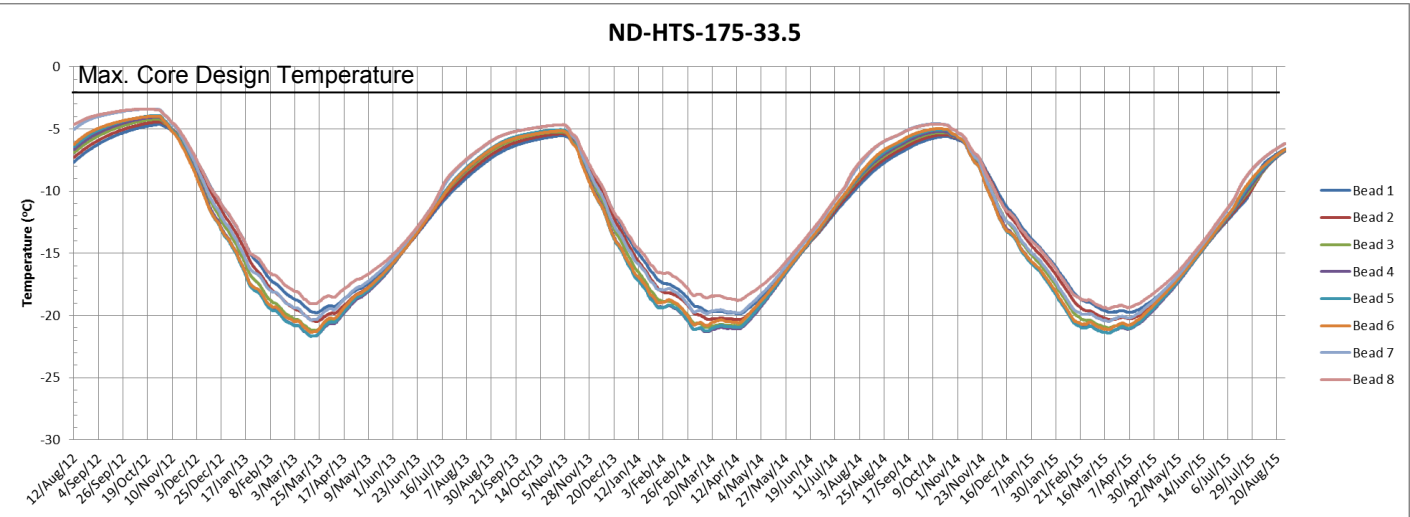
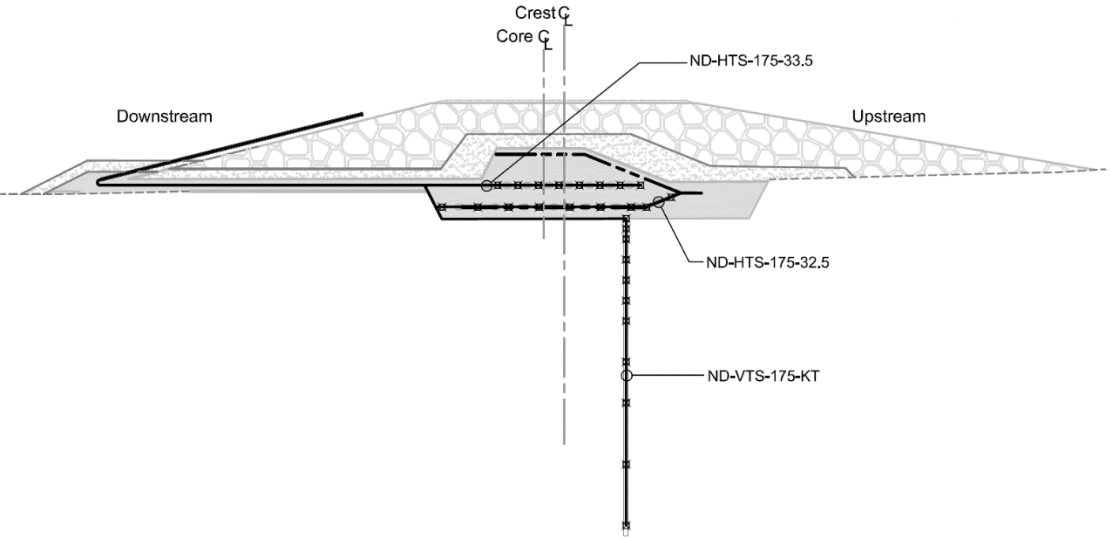


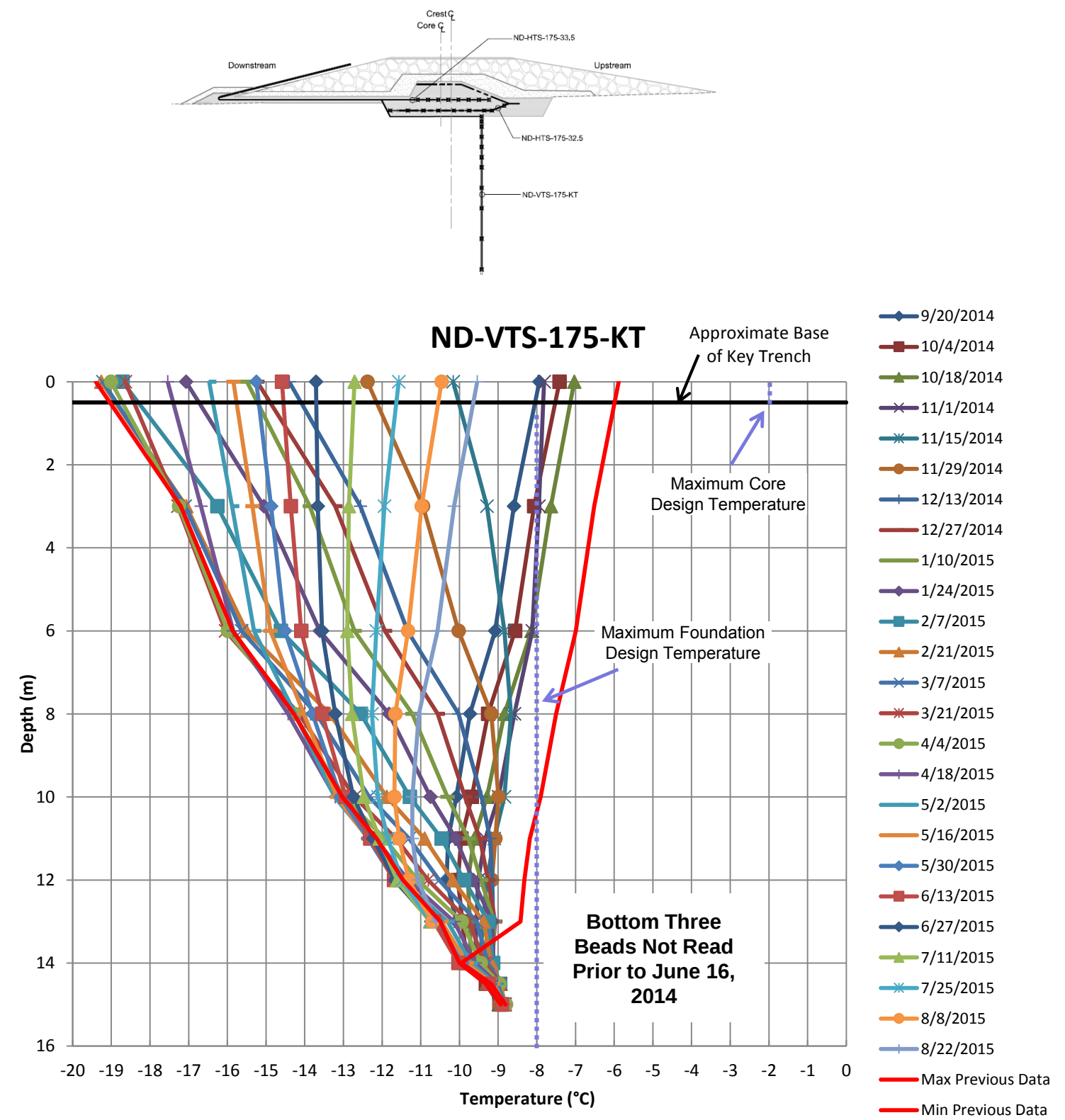
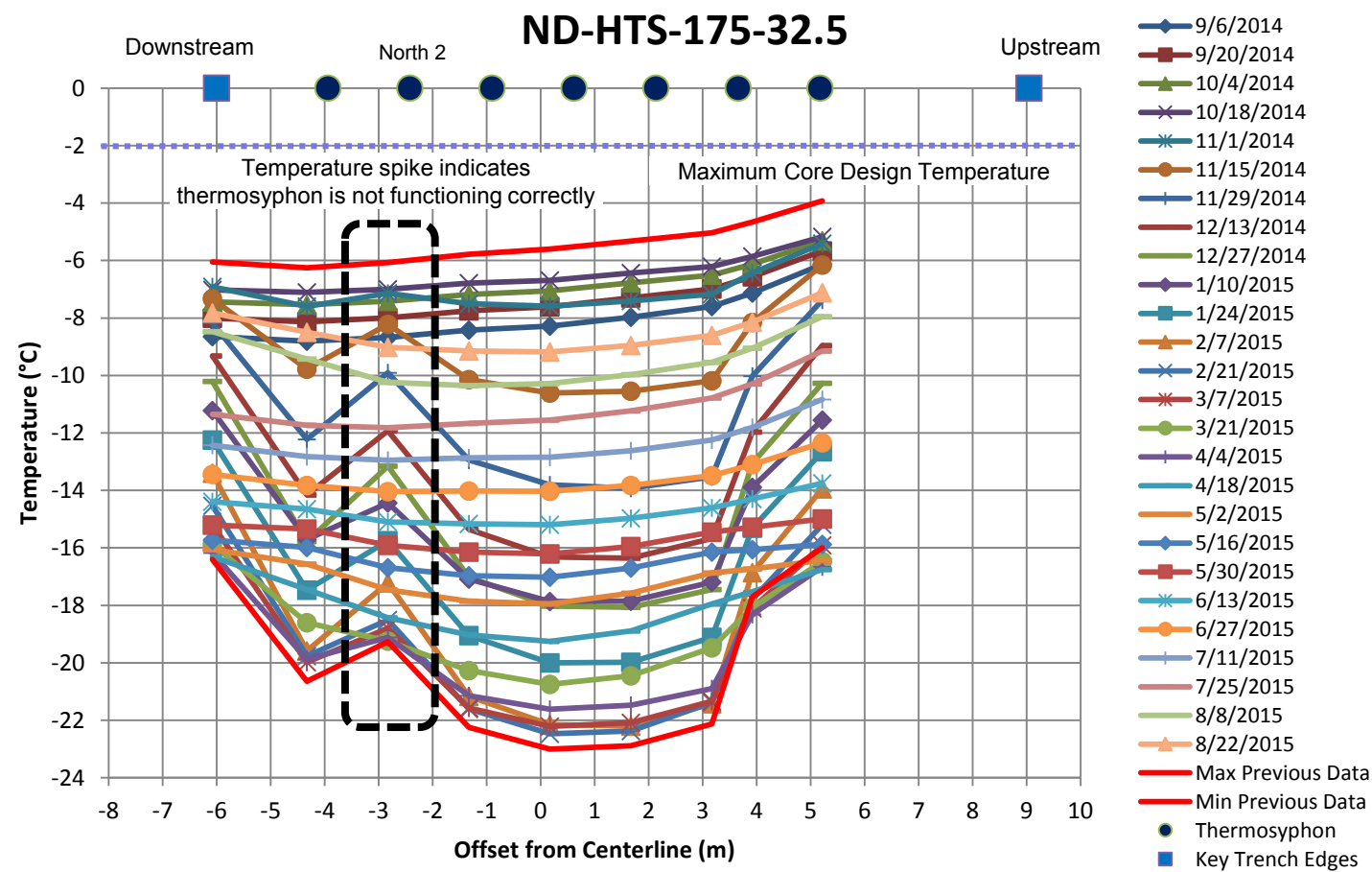
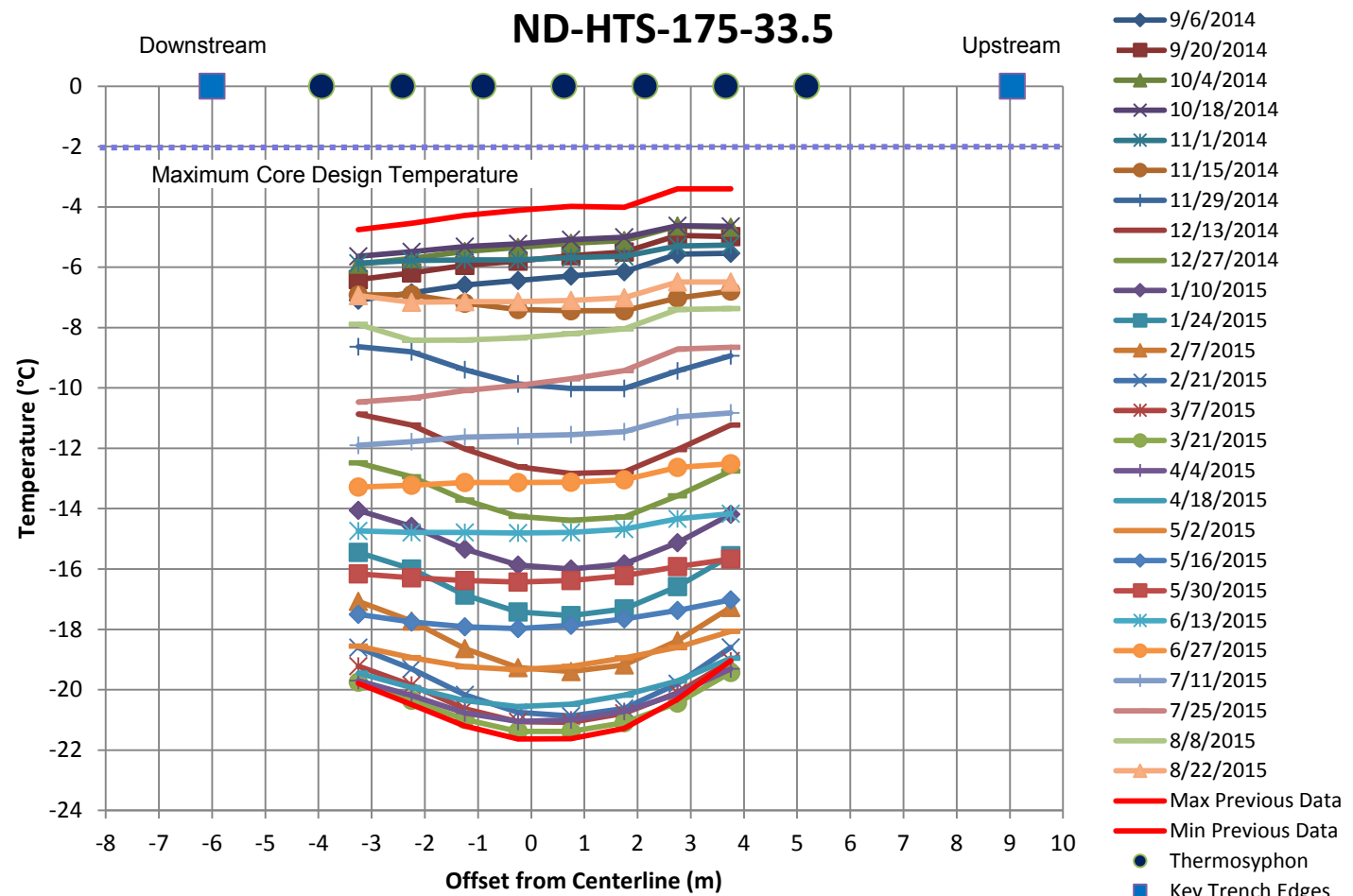


Ground Temperature Cable Status:

- Cable irreparably damaged
- Bead damaged or data missing



- Notes:**
- Bead numbers increase from downstream to upstream (horizontal) and top to bottom (vertical)
 - (A)** Incorrectly connected to datalogger as ND-HTS-175-33.5; therefore, no readings for beads 9, 10 and 11.
 - (B)** Variation in Ground Temperature Cable readings during winter months due to close proximity of Ground Temperature Cable beads to thermosyphon pipes.



Note:

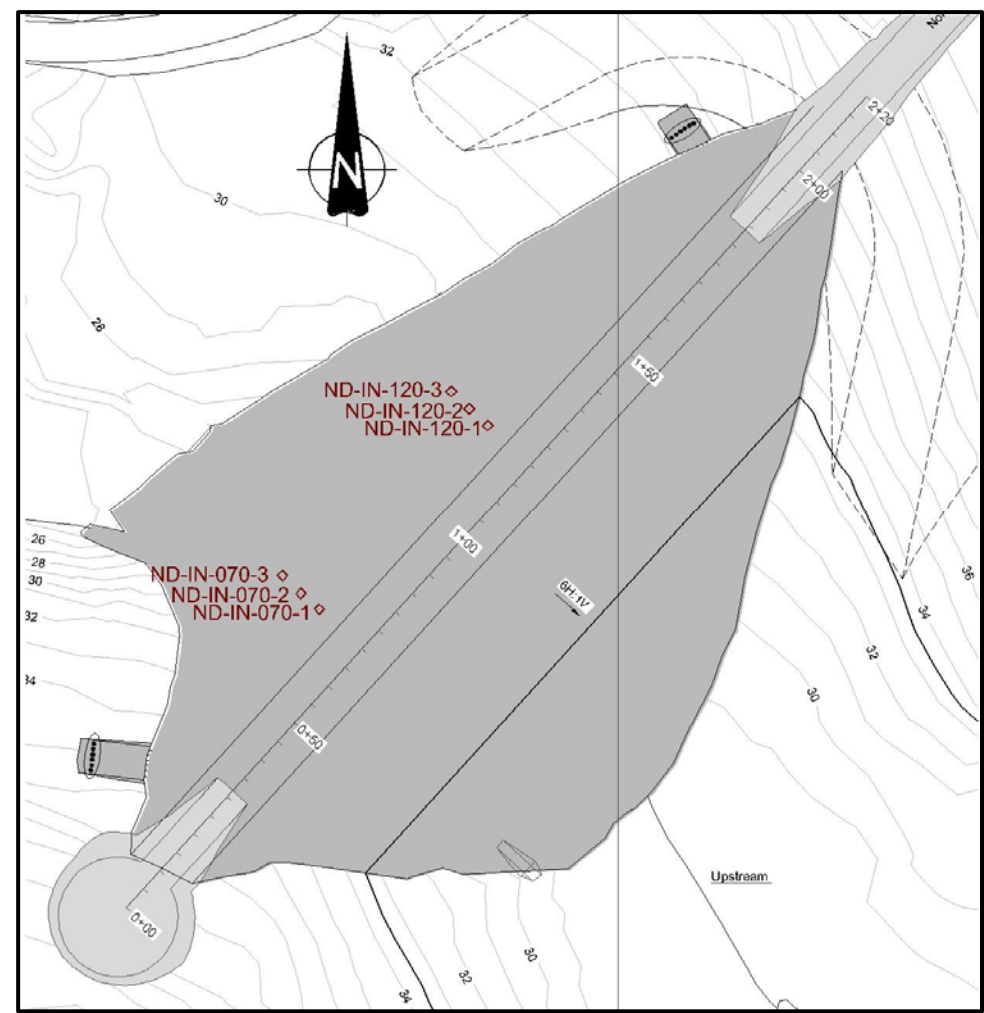
- Previous Data was recorded between August 2012 and September 2014

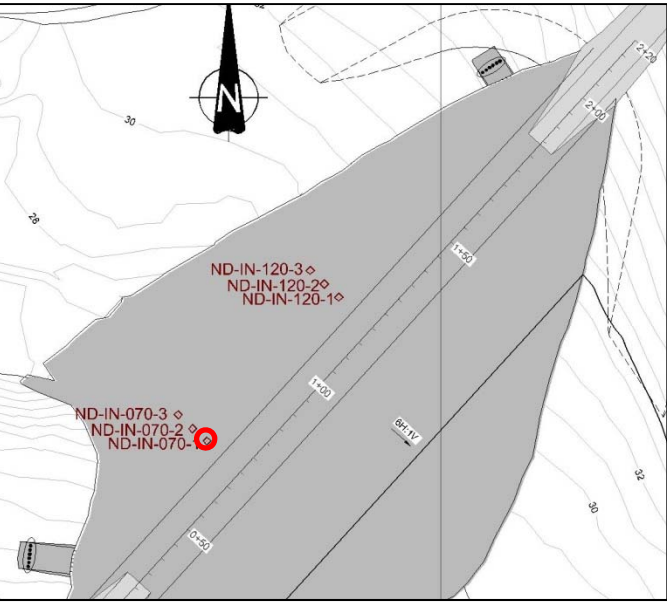
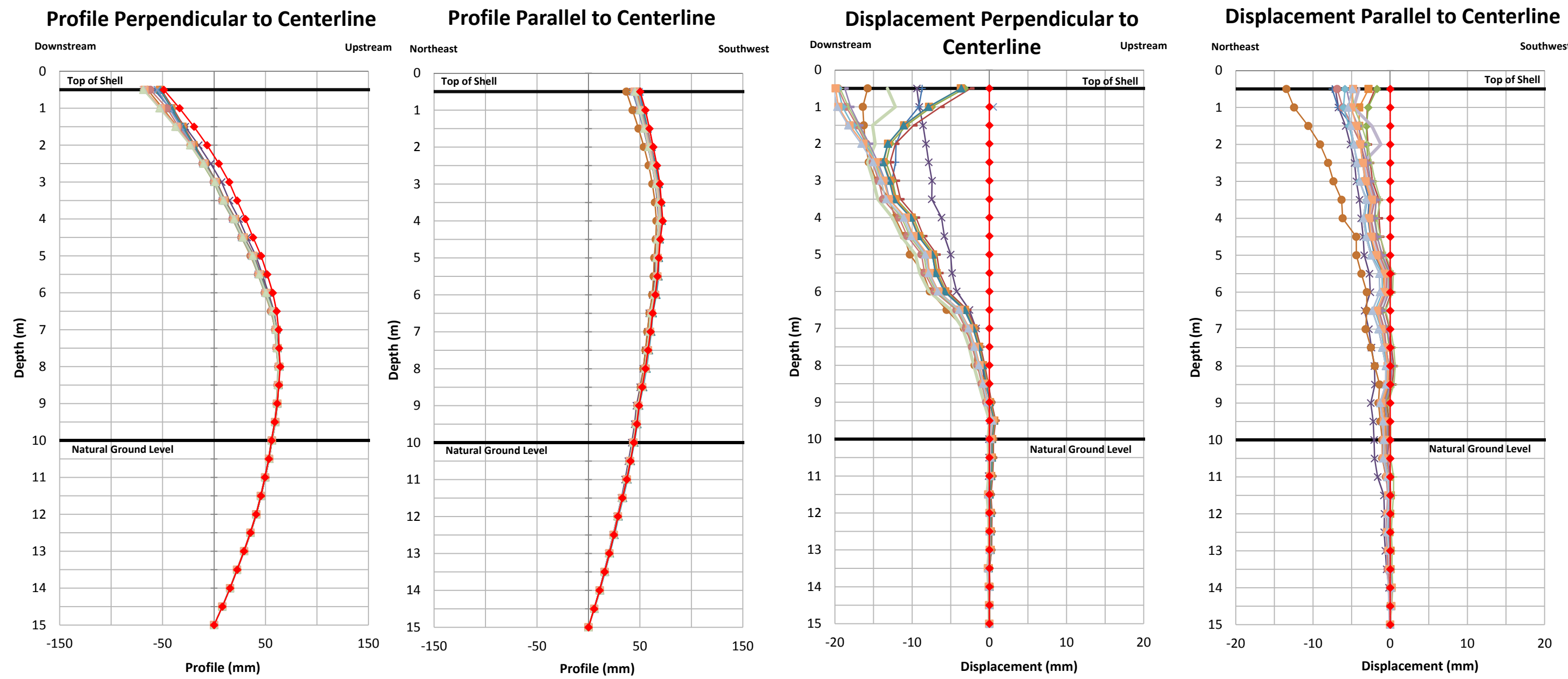
		2015 Geotechnical Inspection		
		Station 1+75 Ground Temperature Cable Readings by Location		
Job No: 1CT022.002 Filename: AppA_1CT022002_NDThermistors	HOPE BAY MINING LTD.	Date: Oct. 2015	Approved: PL	Figure: A.17

Appendix B: Slope Inclinometer Readings

Date	Inclinometers Measured						Data Quality
	070-1	070-2	070-3	120-1	120-2	120-3	
1/Oct/14	x	x	x	x	x	x	Poor - Site noted strange readings for station 120-2.
6/Oct/14				x	x		Poor - resurvey. Site noted checksums were very large +/- 6250. Tried 2-3 times
Inclinometer sent to manufacturer for calibration							
2/Feb/15	x	x	x	x	x	x	Data for 070-1 removed
21/Mar/15	x	x	x	x	x	x	Some data missing. Average of previous and next reading was used.
8/Apr/15	x						Data only collected for 070-1
20/Apr/15	x	x	x	x	x	x	Some data missing. Average of previous and next reading was used.
20/May/15	x	x	x	x	x	x	Okay
25/Jun/15	x	x	x	x	x	x	Okay
9/Jul/15	x	x	x	x	x	x	70-2 casing contained ice at 14m. Survey was started at 13.5m (Adjusted to match). 120-3 at 4.5m is outside checksum.
2/Aug/15	x	x	x	x	x	x	70-2 (12m) checksum is just out of range. Data will be used.
8/Aug/15		x					Data was recollected in 70-2, both data used.
28/Aug/15						x	Data only provided for 120-3
4/Sep/15	x	x	x	x	x	x	No data provided for 70-2 and 70-3 initially, data retrieved
DATA CUT OFF FOR 2015 AGI							

1. Green marks good quality survey data
2. Yellow marks survey data with zeros or error values replaced
3. Orange marks poor quality survey data



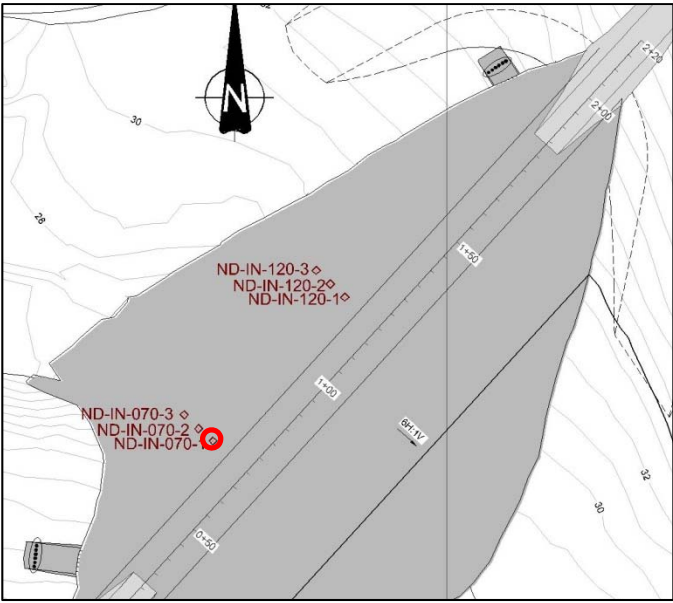
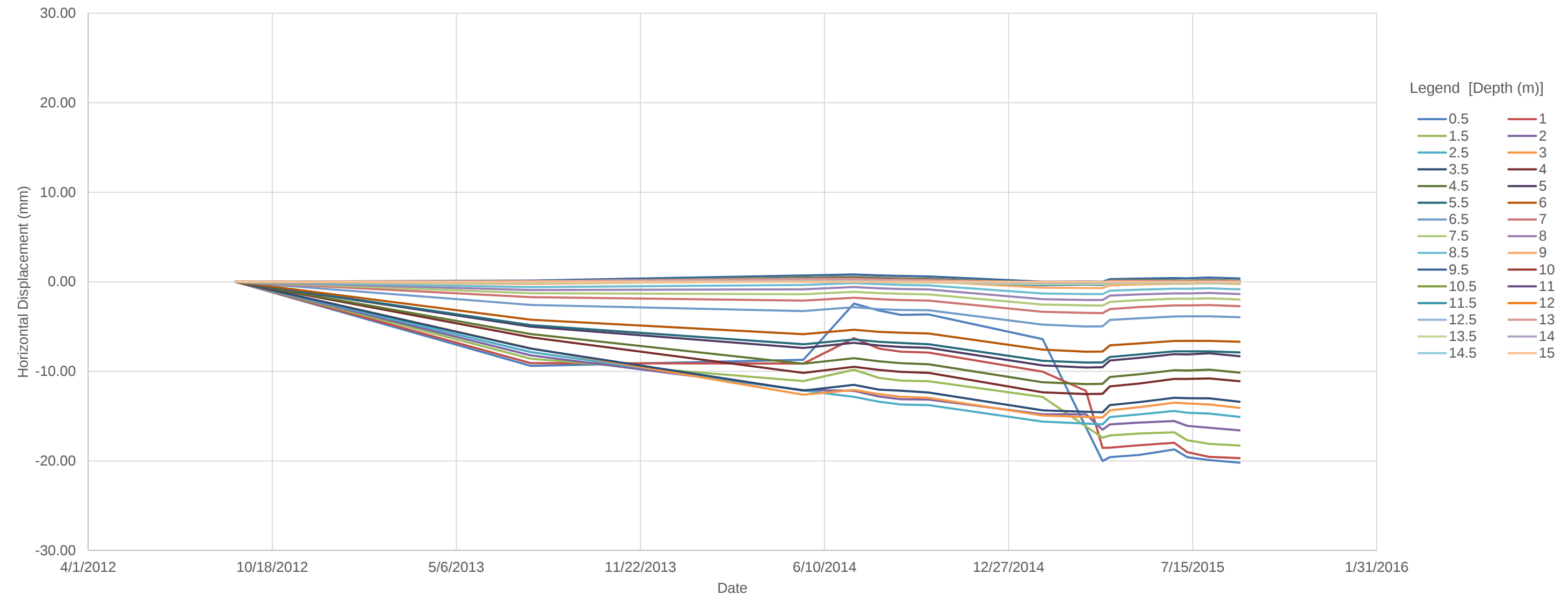


Notes:

1. Manufacture's accuracy is +/- 0.25 mm per location
2. Survey data excluded from the charts is noted on Figure B.1

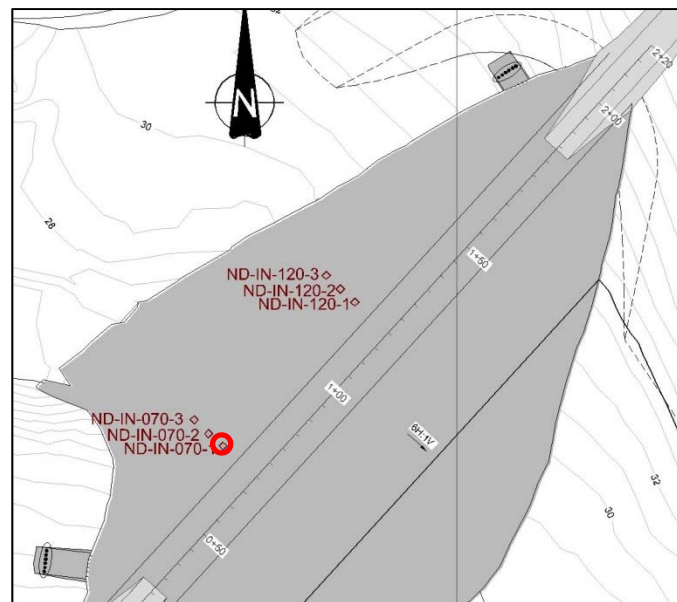
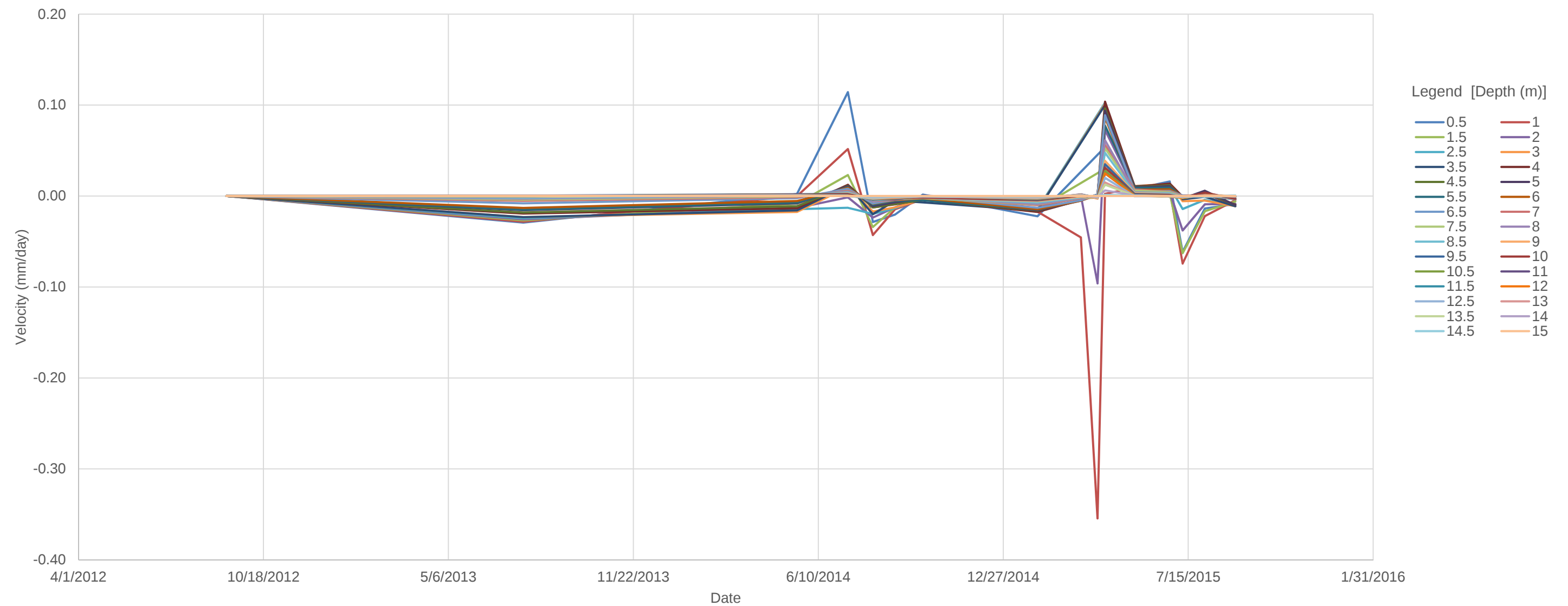
LEGEND:	
7/26/2013	10/1/2013
5/18/2014	7/12/2014
8/8/2014	9/1/2014
10/1/2014	3/21/2015
4/8/2015	4/16/2015
5/18/2015	6/25/2015
7/9/2015	8/2/2015
9/4/2015	Initial Reading (9/8/2012)

		2015 Geotechnical Inspection		
		Inclinometer 070-1		
Job No: 1CT022.002 Filename: AppendixC_Inclinometers.pptx	HOPE BAY MINING LTD.	Date: Mar. 2016	Approved: PDL	Figure: B.2



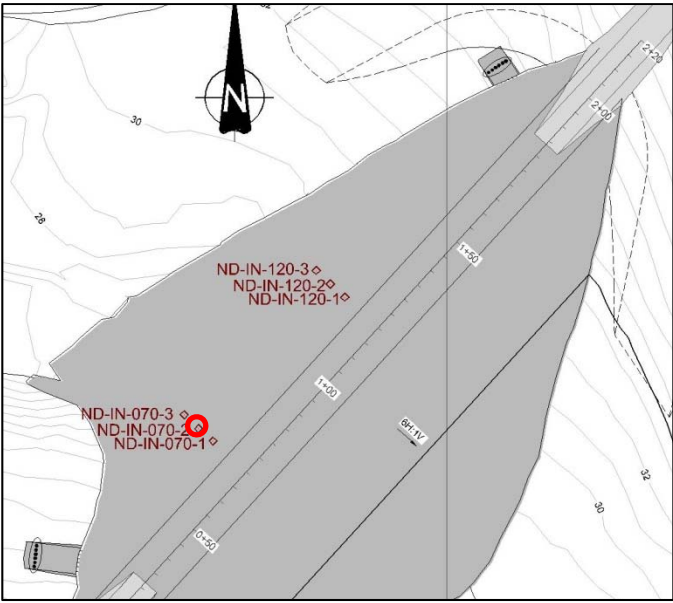
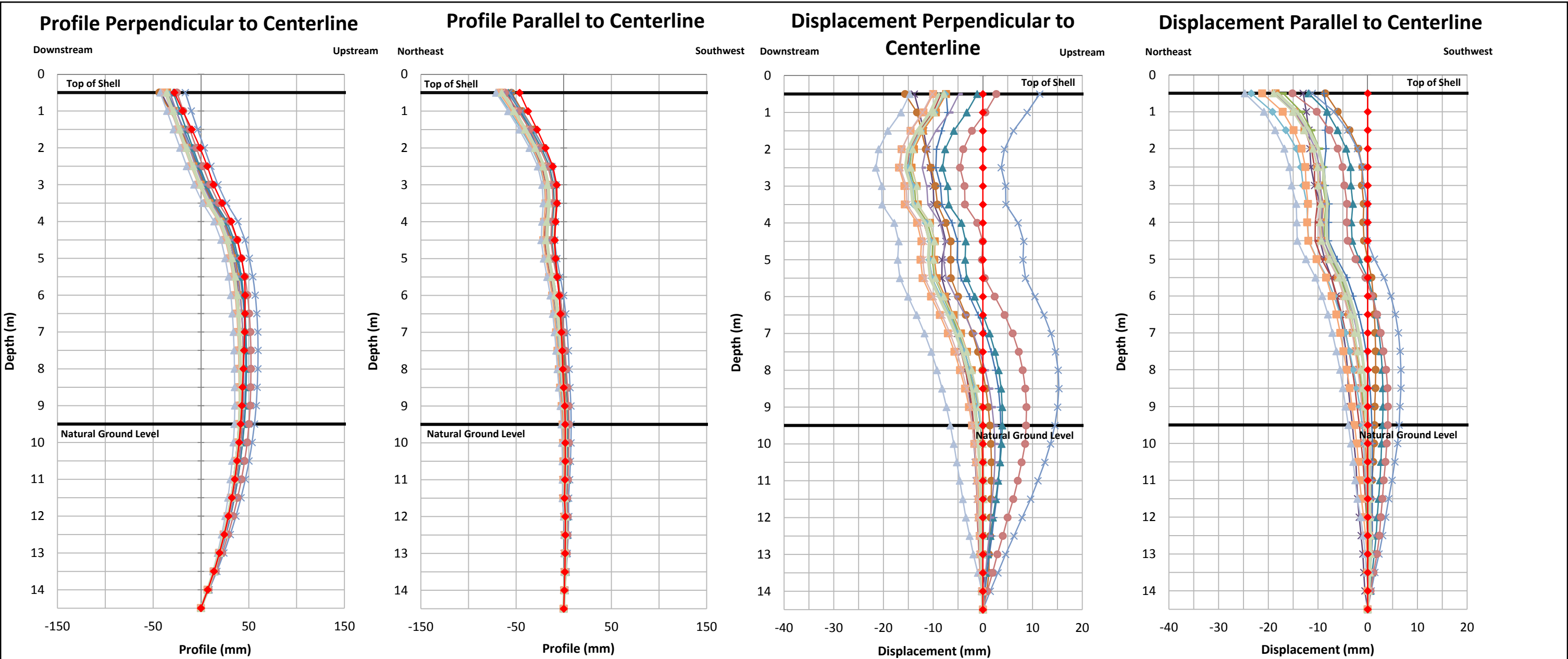
- Notes:**
1. Manufacture's accuracy is +/- 0.25 mm per location
 2. Survey data excluded from the charts is noted on Figure B.1

		2015 Geotechnical Inspection		
		Inclinometer 070-1A Displacement Time Series		
Job No: 1CT022.002 Filename: AppendixC_Inclinometers.pptx	HOPE BAY MINING LTD.	Date: Mar. 2016	Approved: PDL	Figure: B.3



- Notes:**
1. Manufacture's accuracy is +/- 0.25 mm per location
 2. Survey data excluded from the charts is noted on Figure B.1

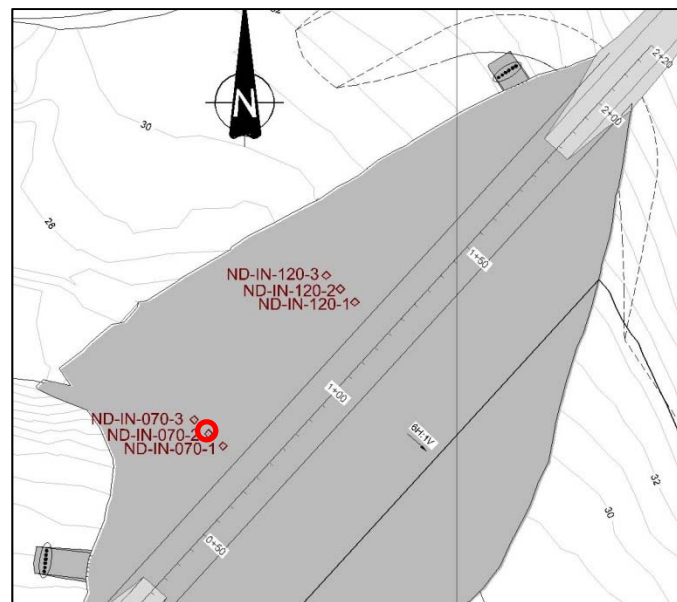
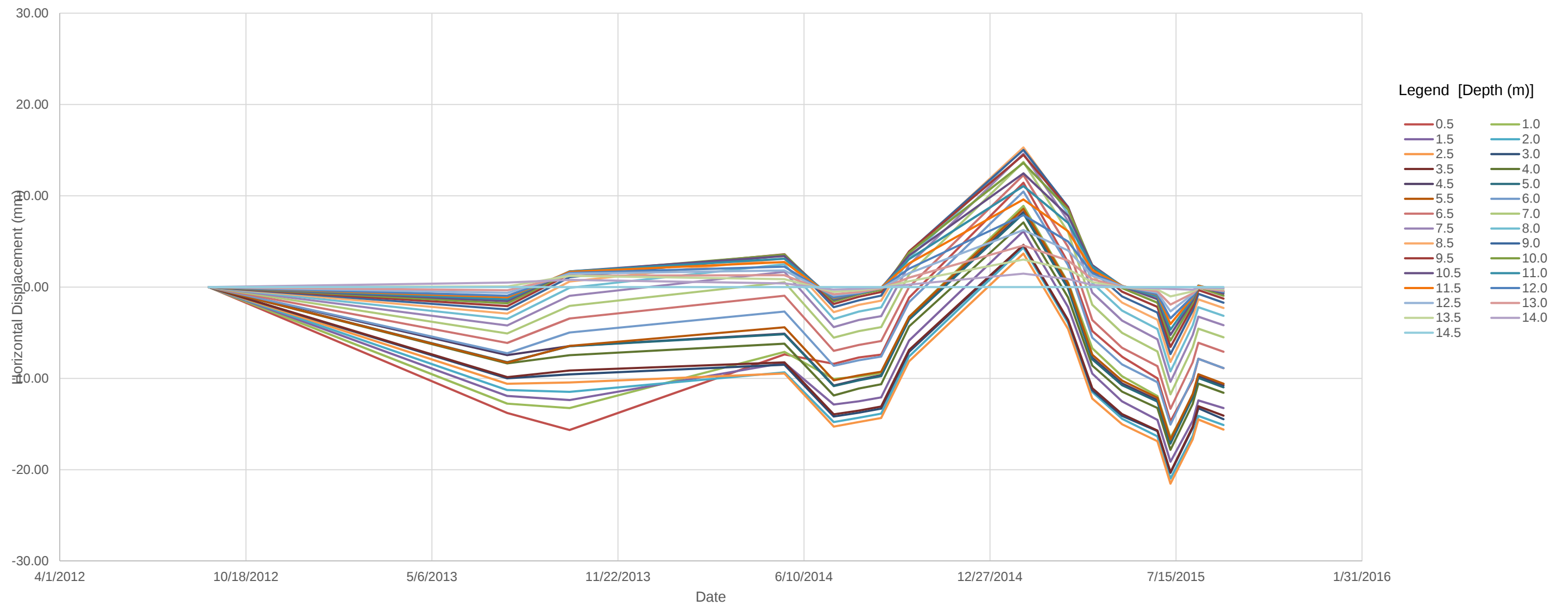
		2015 Geotechnical Inspection		
		Inclinometer 070-1A Velocity Time Series		
Job No: 1CT022.002 Filename: AppendixC_Inclinometers.pptx	HOPE BAY MINING LTD.	Date: Mar. 2016	Approved: PDL	Figure: B.4



- Notes:**
1. Manufacture's accuracy is +/- 0.25 mm per location
 2. Survey data excluded from the charts is noted on Figure B.1

LEGEND:	
7/26/2013	10/1/2013
5/20/2014	7/12/2014
8/8/2014	9/1/2014
10/1/2014	2/1/2015
3/21/2015	4/16/2015
5/18/2015	6/25/2015
7/9/2015	8/2/2015
8/8/2015	9/4/2015
Initial Reading (9/8/2012)	

		2015 Geotechnical Inspection		
		Inclinometer 070-2		
Job No: 1CT022.002 Filename: AppendixC_Inclinometers.pptx	HOPE BAY MINING LTD.	Date: Mar. 2016	Approved: PDL	Figure: B.5



- Notes:**
1. Manufacture's accuracy is +/- 0.25 mm per location
 2. Survey data excluded from the charts is noted on Figure B.1



Job No: 1CT022.002
Filename: AppendixC_Inclinometers.pptx

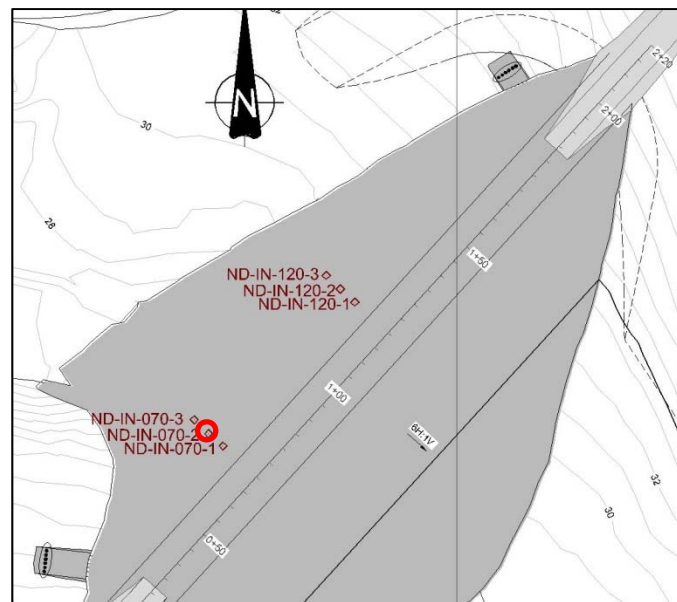
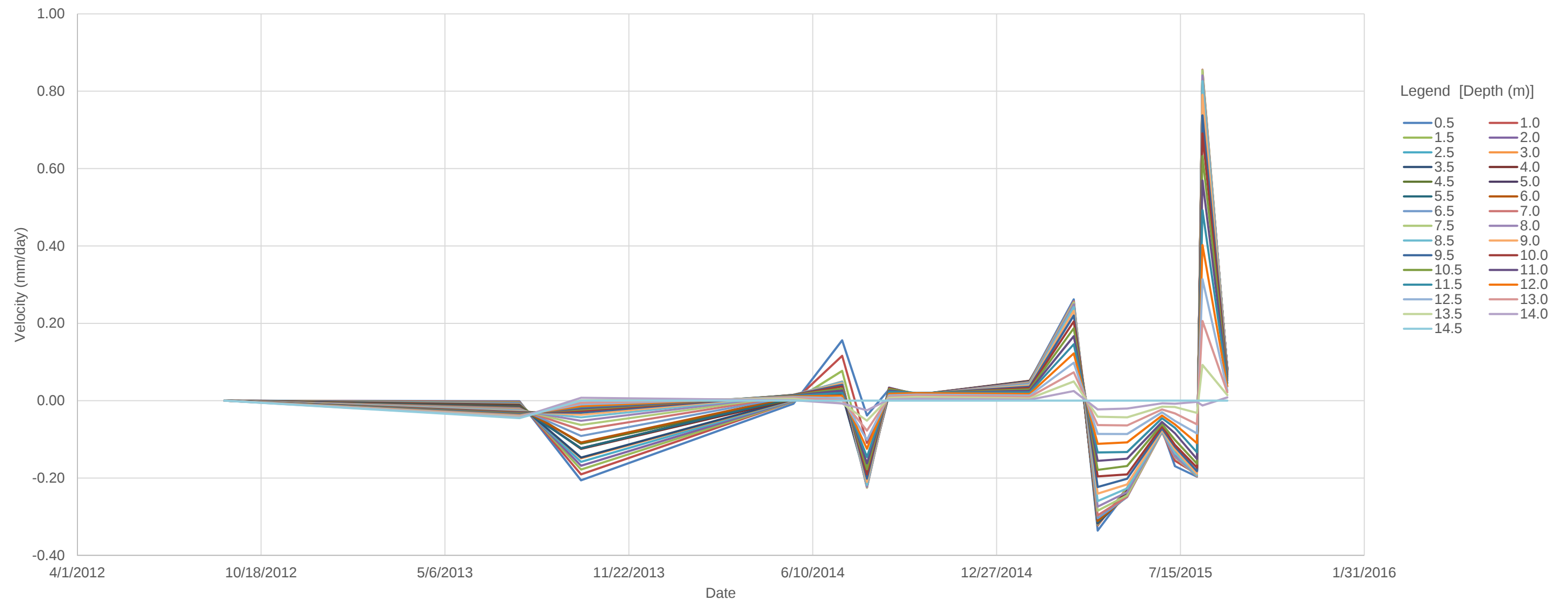


HOPE BAY MINING LTD.

2015 Geotechnical Inspection

**Inclinometer 070-2A
Displacement Time Series**

Date: Mar. 2016	Approved: PDL	Figure: B.6
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- Notes:**
1. Manufacture's accuracy is +/- 0.25 mm per location
 2. Survey data excluded from the charts is noted on Figure B.1



Job No: 1CT022.002
Filename: AppendixC_Inclinometers.pptx



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2015 Geotechnical Inspection

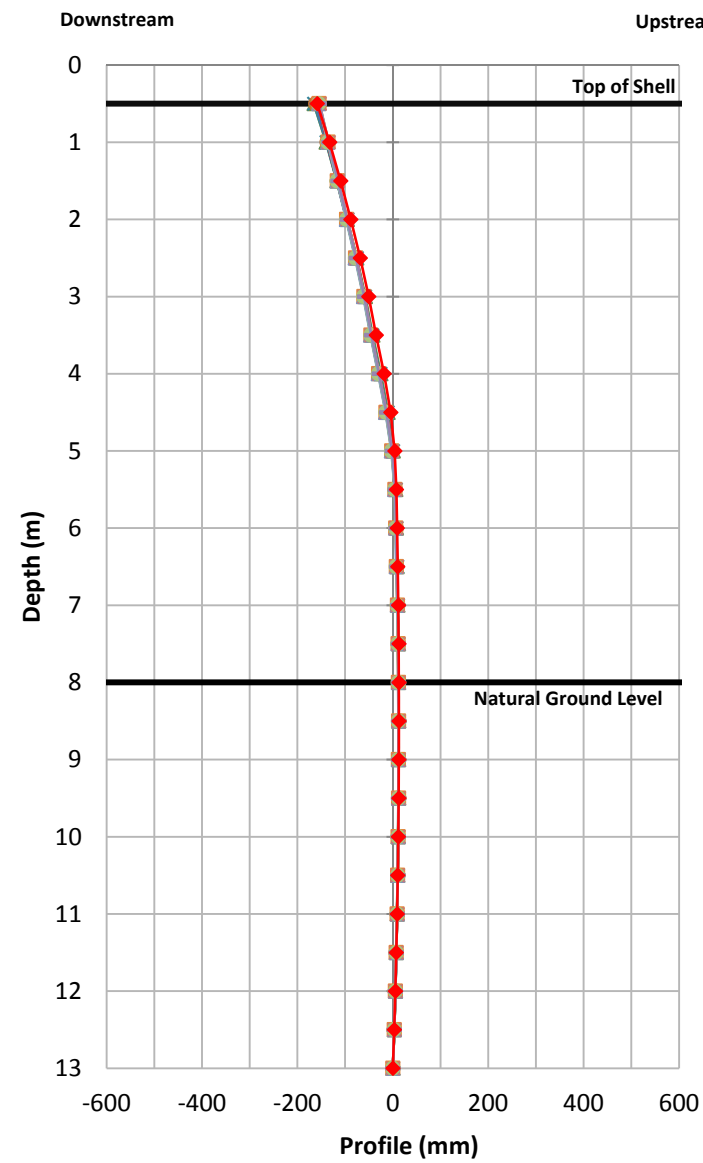
**Inclinometer 070-2A
Velocity Time Series**

Date:
Mar. 2016

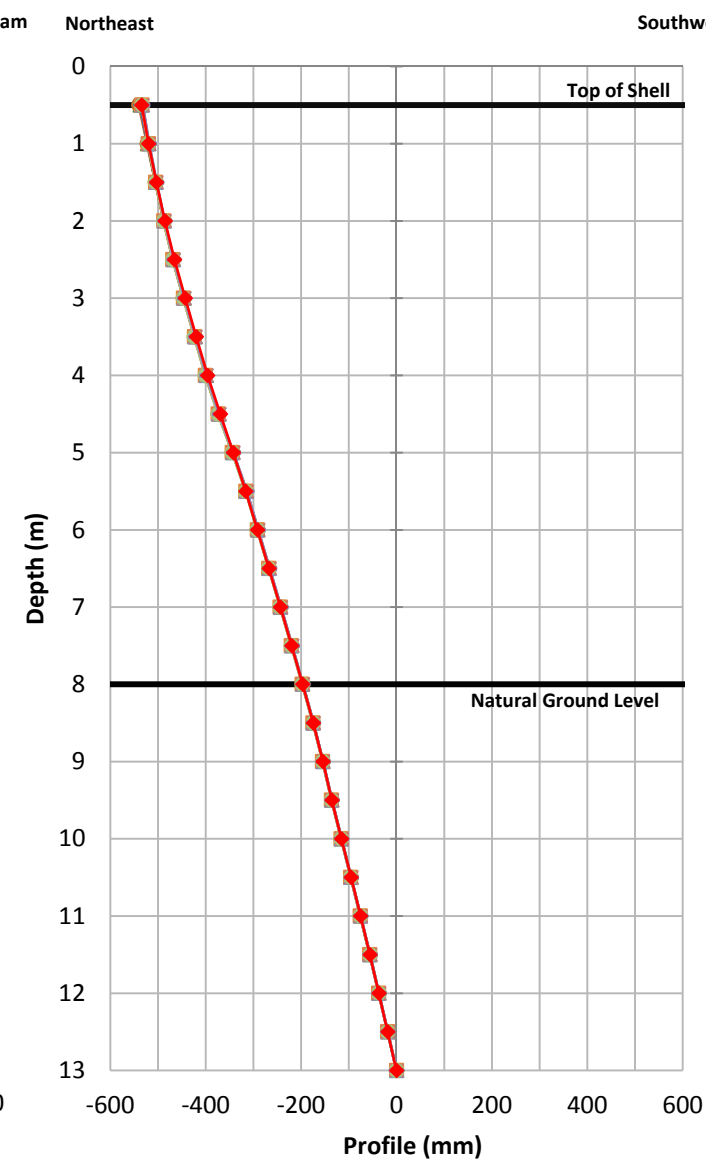
Approved:
PDL

Figure: **B.7**

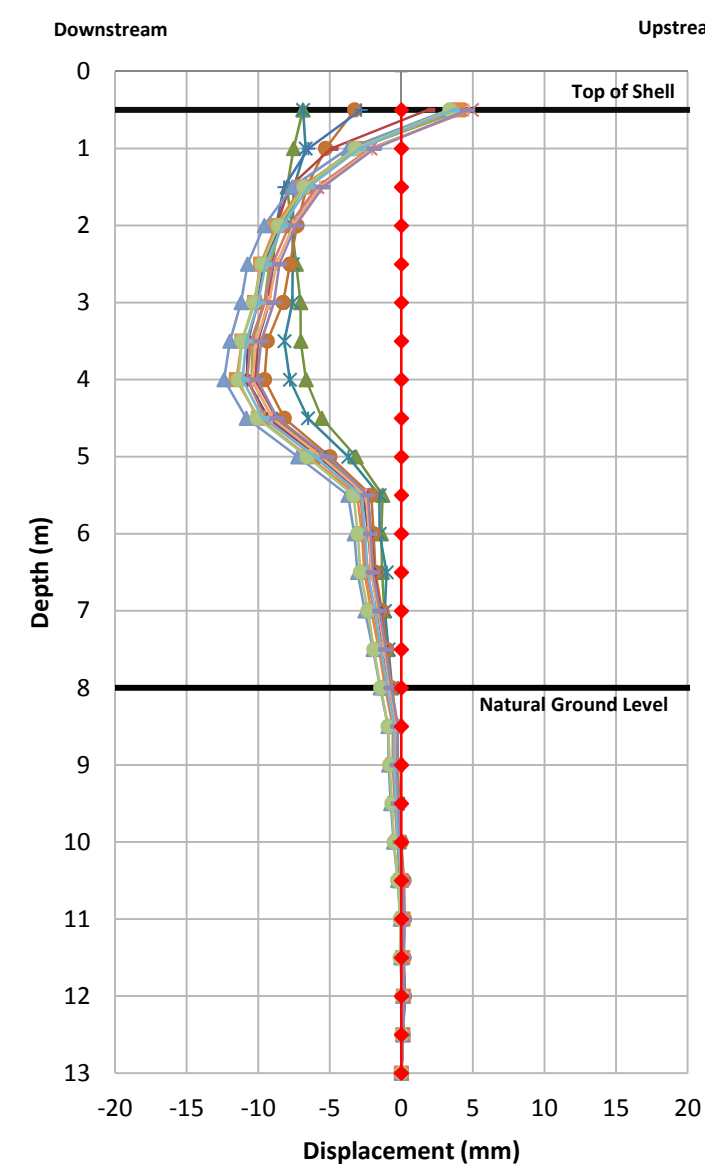
Profile Perpendicular to Centerline



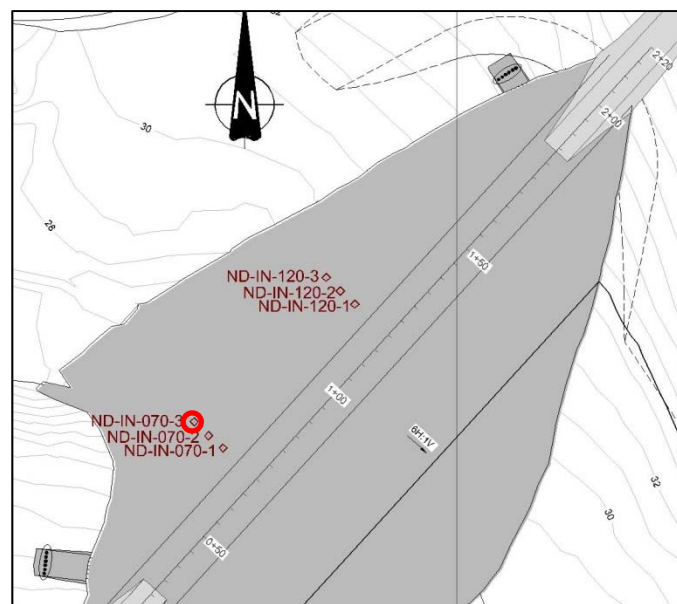
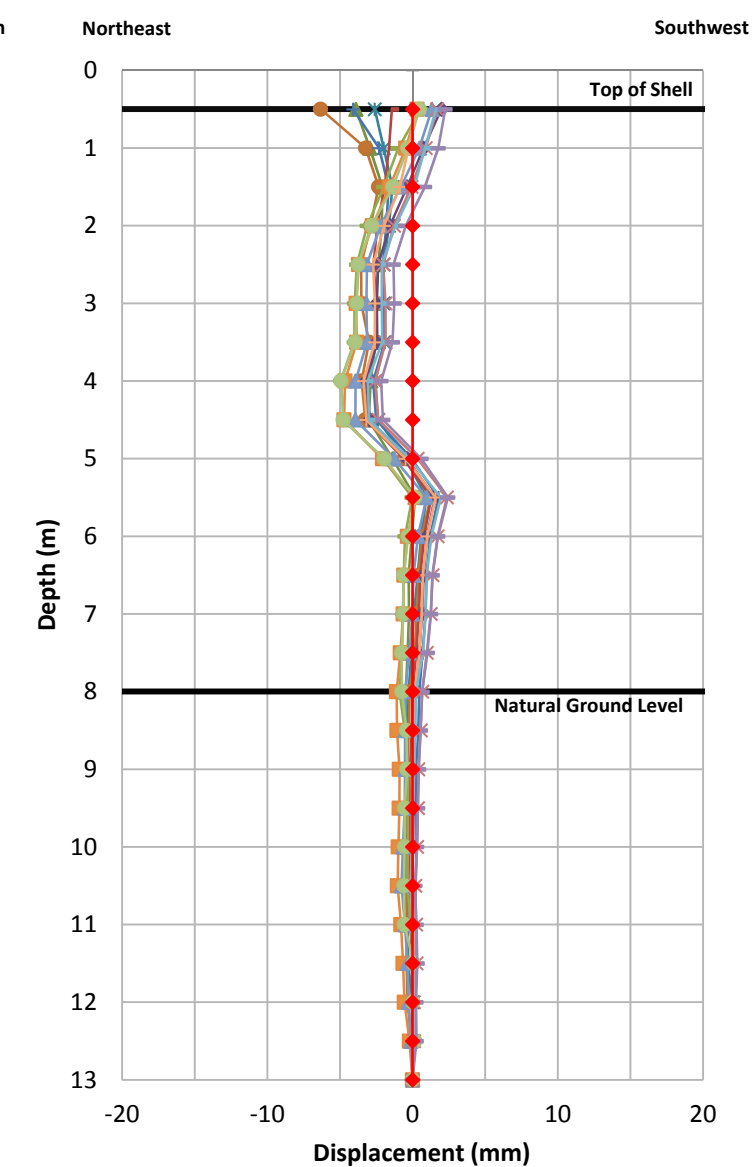
Profile Parallel to Centerline



Displacement Perpendicular to Centerline



Displacement Parallel to Centerline



Notes:

1. Manufacture's accuracy is +/- 0.25 mm per location
2. Survey data excluded from the charts is noted on Figure B.1

LEGEND:

- 7/26/2013
- 5/20/2014
- 8/8/2014
- 10/1/2014
- 3/21/2015
- 5/18/2015
- 7/9/2015
- 9/4/2015
- 10/1/2013
- 7/12/2014
- 9/1/2014
- 2/1/2015
- 4/16/2015
- 6/25/2015
- 8/2/2015
- Initial Reading (9/9/2012)

srk consulting

Job No: 1CT022.002
Filename: AppendixC_Inclinometers.pptx

TMAC
RESOURCES

HOPE BAY MINING LTD.

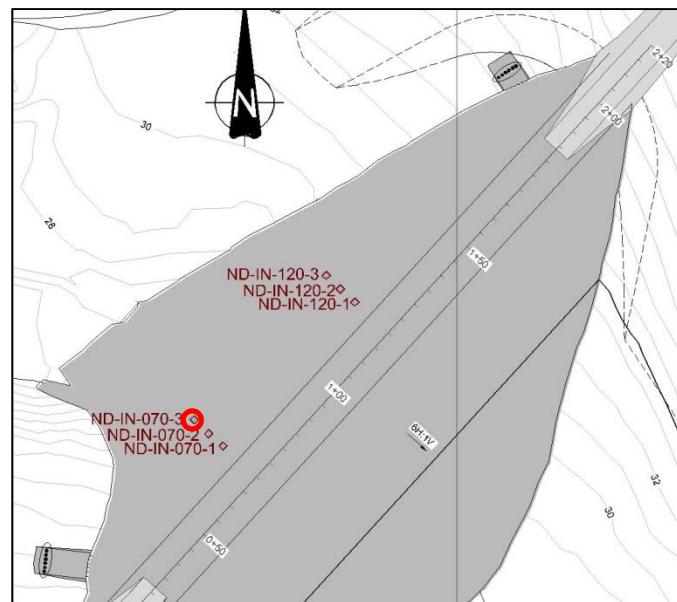
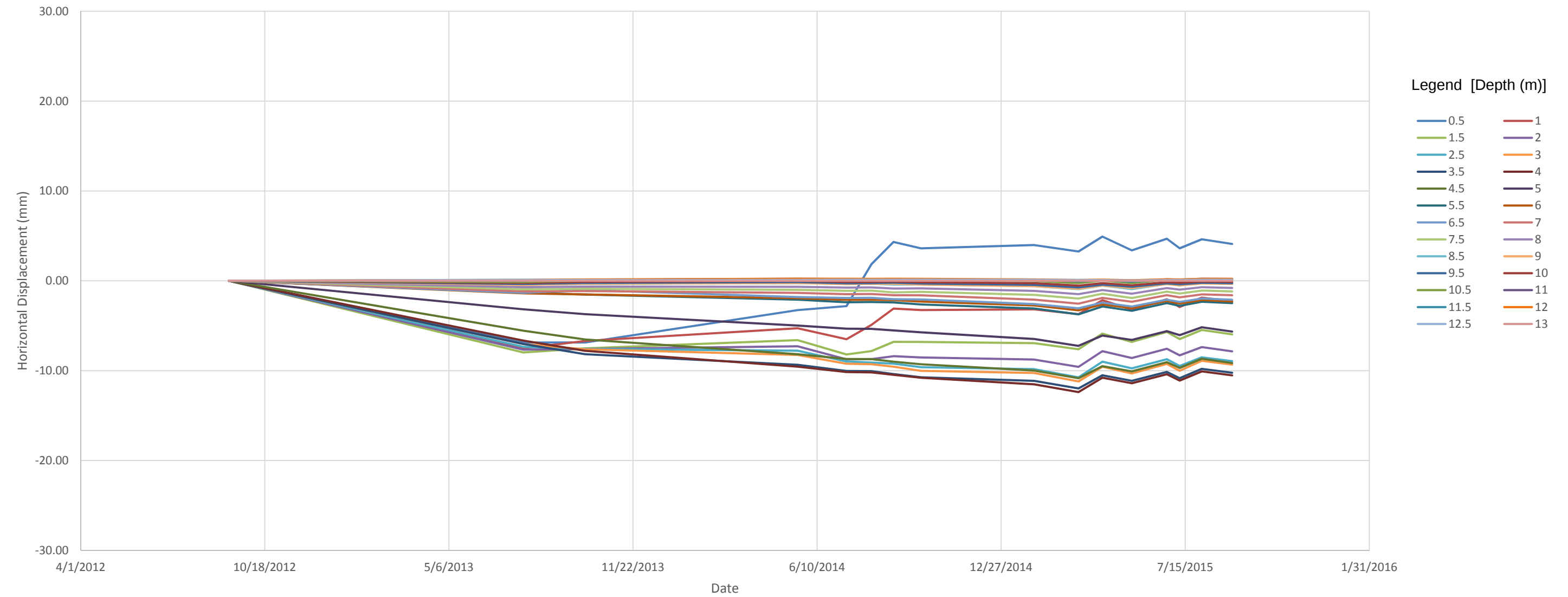
2015 Geotechnical Inspection

Inclinometer 070-3

Date: Mar. 2016

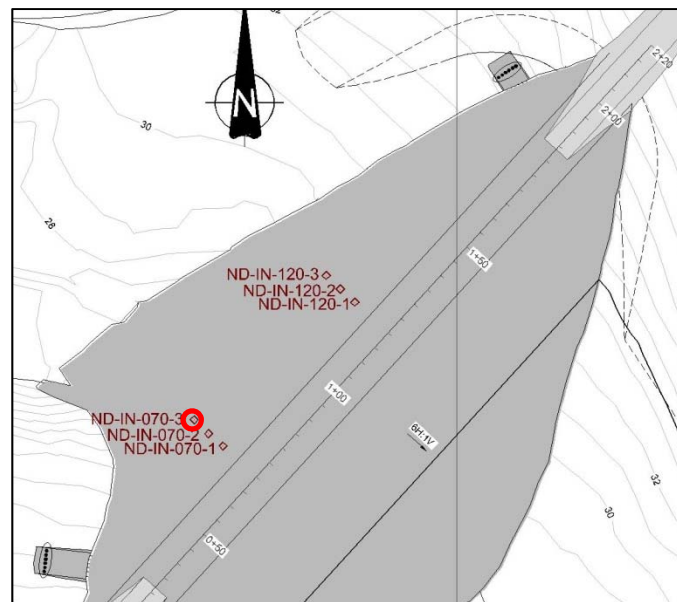
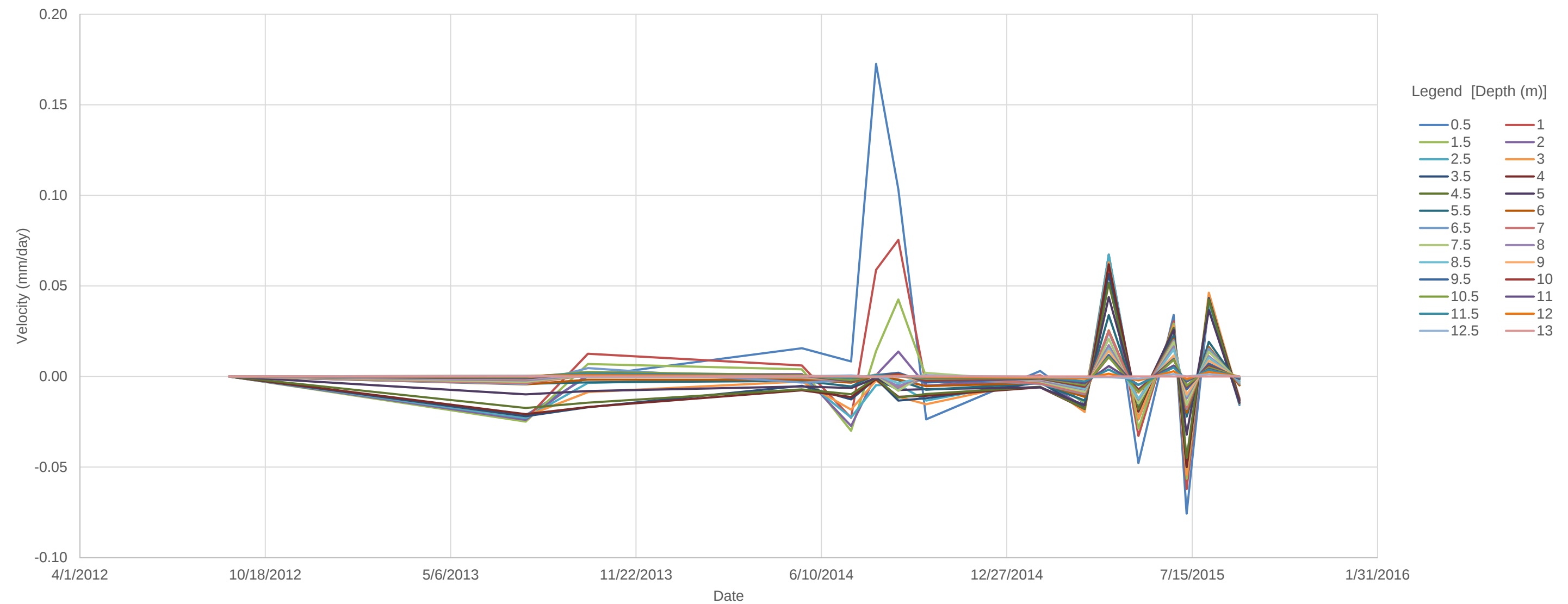
Approved: PDL

Figure: **B.8**



- Notes:**
1. Manufacture's accuracy is +/- 0.25 mm per location
 2. Survey data excluded from the charts is noted on Figure B.1

		2015 Geotechnical Inspection		
		Inclinometer 070-3A Displacement Time Series		
Job No: 1CT022.002 Filename: AppendixC_Inclinometers.pptx	HOPE BAY MINING LTD.	Date: Mar. 2016	Approved: PDL	Figure: B.9



- Notes:**
1. Manufacture's accuracy is +/- 0.25 mm per location
 2. Survey data excluded from the charts is noted on Figure B.1

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Job No: 1CT022.002
Filename: AppendixC_Inclinometers.pptx

TMAC
RESOURCES

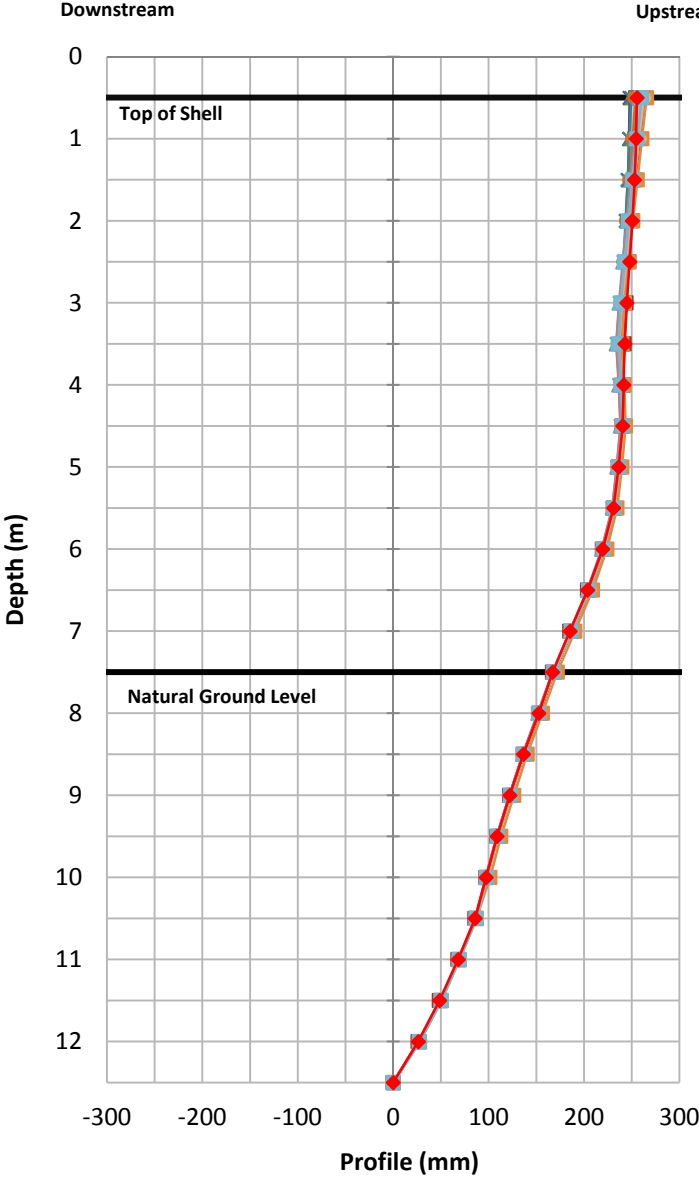
HOPE BAY MINING LTD.

2015 Geotechnical Inspection

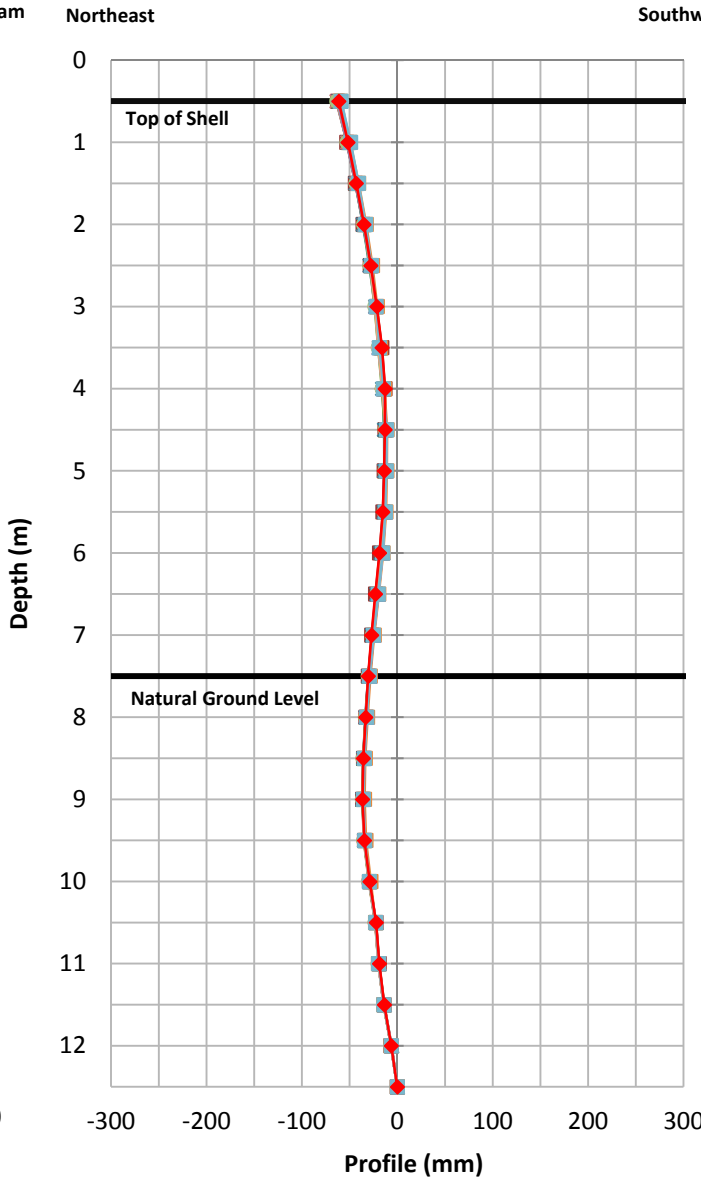
**Inclinometer 070-3A
Velocity Time Series**

Date: Mar. 2016	Approved: PDL	Figure: B.10
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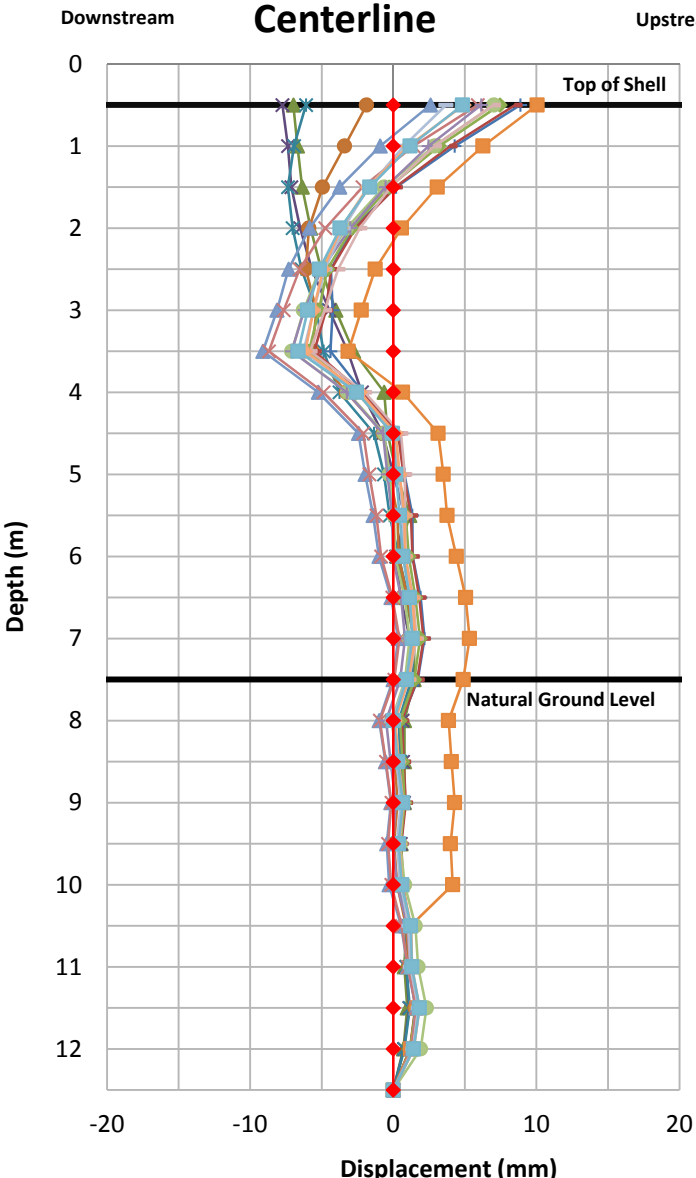
Profile Perpendicular to Centerline



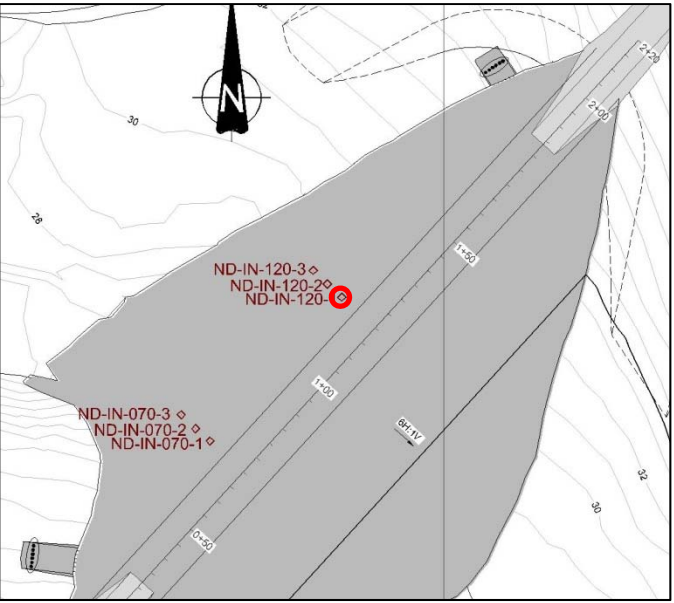
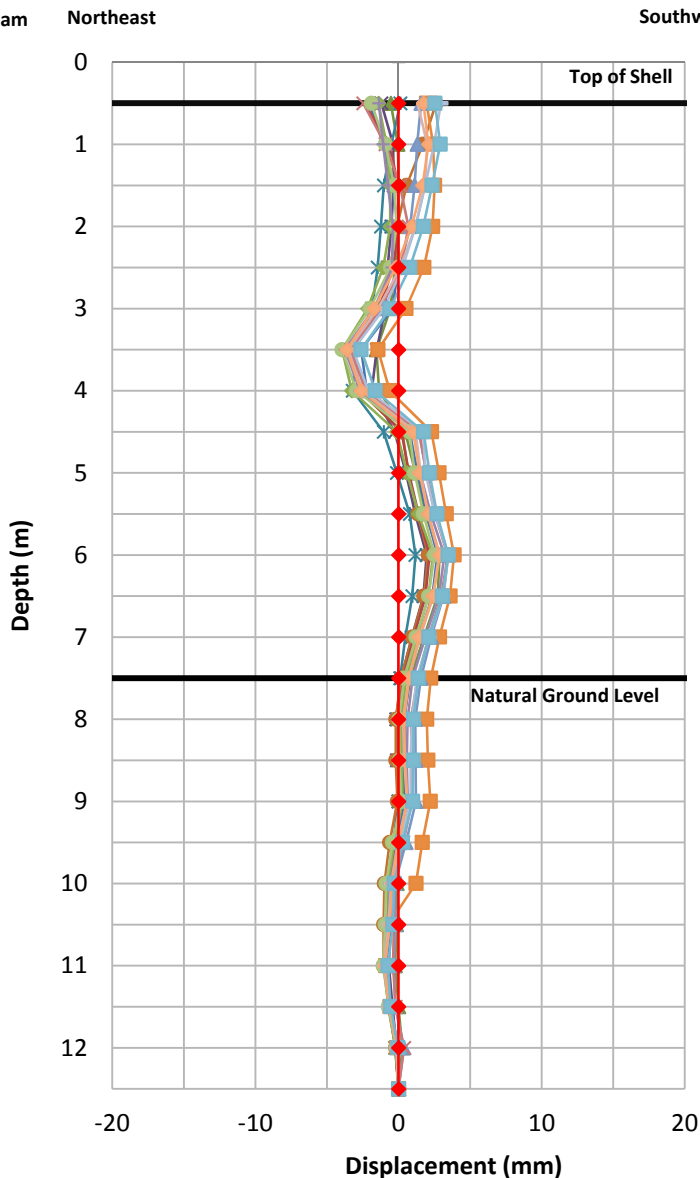
Profile Parallel to Centerline



Displacement Perpendicular to Centerline



Displacement Parallel to Centerline



- Notes:**
1. Manufacture's accuracy is +/- 0.25 mm per location
 2. Survey data excluded from the charts is noted on Figure B.1

LEGEND:

- | | |
|----------------------------|-----------|
| 7/26/2013 | 8/28/2013 |
| 10/1/2013 | 5/20/2014 |
| 7/12/2014 | 8/8/2014 |
| 9/1/2014 | 10/1/2014 |
| 2/2/2015 | 3/21/2015 |
| 4/16/2015 | 5/18/2015 |
| 6/25/2015 | 7/9/2015 |
| 8/2/2015 | 9/4/2015 |
| Initial Reading (9/8/2012) | |



2015 Geotechnical Inspection

Inclinometer 120-1

Job No: 1CT022.002
Filename: AppendixC_Inclinometers.pptx

HOPE BAY MINING LTD.

Date: Mar. 2016	Approved: PDL	Figure: B.11
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