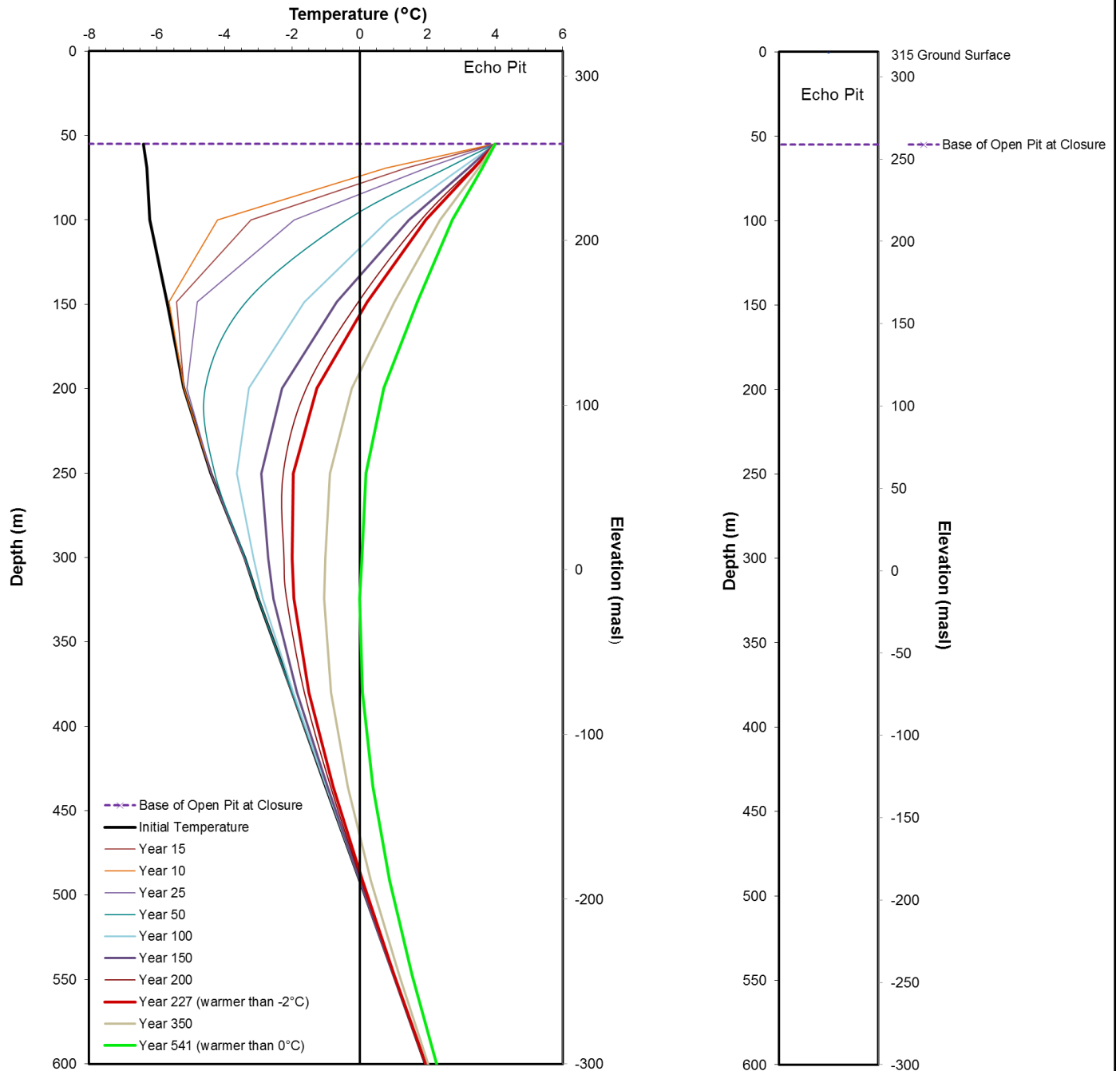


**Notes:**

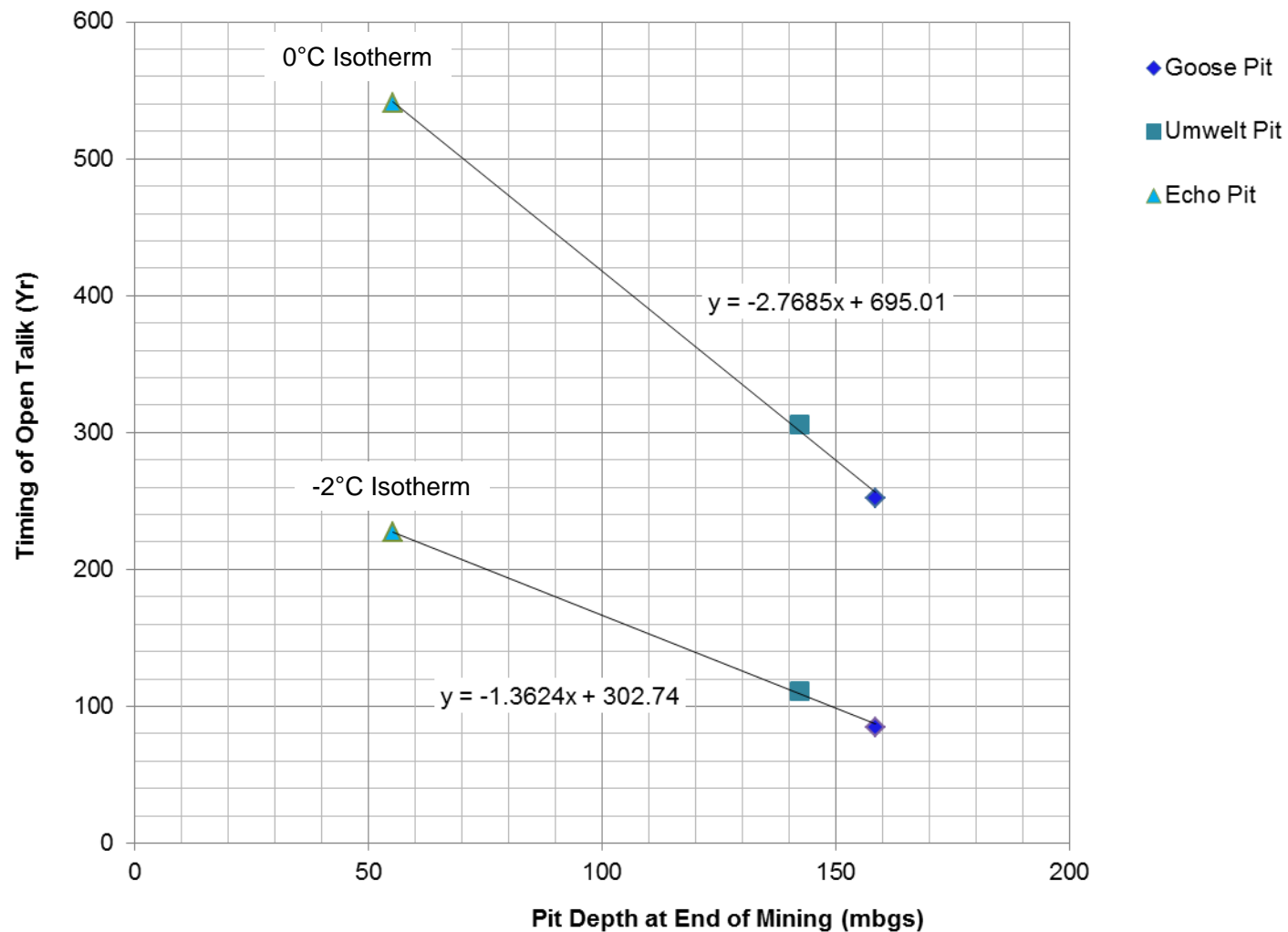
1. Ground temperature response to pit flooding based on 1D analytical model
2. Time expressed as the number of years after flooding of the pit
3. Model results based on an average pit water temperature of 4°C



**Notes:**

1. Ground temperature response to pit flooding based on 1D analytical model
2. Time expressed as the number of years after flooding of the pit
3. Model results based on an average pit water temperature of 4°C

		Goose Property Talik Thermal Modeling		
		<b>Modelled Ground Temperature – Echo Pit Lake</b>		
Job No: 1CS020.008	BACK RIVER PROJECT	Date: 9/7/2015	Approved: cws	Figure: 15
Filename: Echo Pit Lake Talik Development.pptx				



Notes:

1. Estimated timing of open talik based on 1D analytical model
2. Time expressed as the number of years after flooding of the pit
3. Model results based on an average pit water temperature of 4°C



Job No: 1CS020.008  
Filename: Pit Lake Open Talik Development.pptx



BACK RIVER PROJECT

Goose Property Talik Thermal Modeling

**1D Analytical Model Results –  
Timing of Open Talik**

Date:  
9/7/2015

Approved:  
cws

Figure: **16**