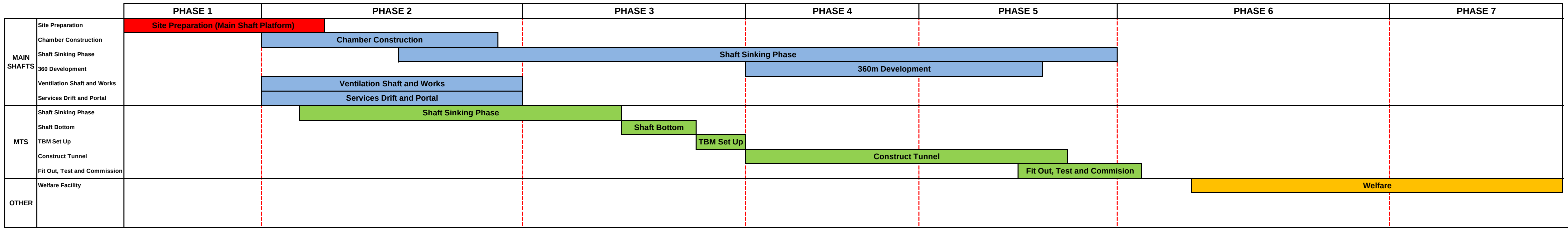
Appendix 6.3

Earthworks HGV Profile



York Potash - Minehead Site Earthworks Strategy Volumes (With MTS)

Earthworks Material - Exported Off-Site:

	Feature		Stockpile Volume	Bank Volume	Tonnage	Vehicle Loads (20T Vehicles)
Exported Off Site	Non-Hazardous, Non Inert (Low Pollution)	Exported Off Site Vol (Bulked Stockpile Volume [m3])	62,926			
		Export Off Site (Unbulked / Bank Volume [m3])		50,341		
		Tonnage ([m3] x Density)			135,921	
		Number Vehicles (20 Tonne)				6,796
	Non-Hazardous, Non Inert (High Pollution)	Export Off Site Volume (Bulked Stockpile Volume)	91,395			
		Export Off Site (Unbulked / Bank Volume [m3])		73,116		
		Tonnage ([m3] x Density)			174,016	
		Number Vehicles (20 Tonne)				8,701
	Halite	Export Off Site Volume (Bulked Stockpile Volume)	17,847			
		Export Off Site (Unbulked / Bank Volume [m3])		12,748		
		Tonnage ([m3] x Density)			27,536	
		Number Vehicles (20 Tonne)				1,377
	Non Product Grade Polyhalite	Export Off Site Volume (Bulked Stockpile Volume)	14,012			
		Export Off Site (Unbulked / Bank Volume [m3])		9,341		
		Tonnage ([m3] x Density)			25,781	
		Number Vehicles (20 Tonne)				1,289
		Total	186,180	145,546	363,254	18,163

Feature		MONTH 1	MONTH 2	MONTH 3	MONTH 4	MONTH 5	MONTH 6		MONTH 7	MONTH 8	MONTH 9	MONTH 10	MONTH 11	MONTH 12	MONTH 13	MONTH 14	MONTH 15	MONTH 16	MONTH 17	MONTH 18	MONTH 19	MONTH 20
Non-Hazardous, Non Inert (Low Pollution)	Exported Off Site Vol (Bulked Stockpile Volume [m3])																			907	2,963	2,963
	Export Off Site (Unbulked / Bank Volume [m3])		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	726	2,370	2,370
	Tonnage ([m3] x Density)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,959	6,400	6,400
	Number Vehicles (20 Tonne)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	98	320	320
Non-Hazardous, Non Inert (High Pollution)	Export Off Site Volume (Bulked Stockpile Volume)																			2,332		
	Export Off Site (Unbulked / Bank Volume [m3])		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,866	0	0
	Tonnage ([m3] x Density)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,440	0	0
	Number Vehicles (20 Tonne)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	222	0	0
Halite	Export Off Site Volume (Bulked Stockpile Volume)																					
	Export Off Site (Unbulked / Bank Volume [m3])		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tonnage ([m3] x Density)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Number Vehicles (20 Tonne)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non Product Grade Polyhalite	Export Off Site Volume (Bulked Stockpile Volume)																					
	Export Off Site (Unbulked / Bank Volume [m3])		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tonnage ([m3] x Density)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Number Vehicles (20 Tonne)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vehicle Loads (20T Vehicle)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	320	320	320

Feature		MONTH 21	MONTH 22	MONTH 23	MONTH 24	MONTH 25	MONTH 26	MONTH 27	MONTH 28	MONTH 29	MONTH 30	MONTH 31	MONTH 32	MONTH 33	MONTH 34	MONTH 35	MONTH 36	MONTH 37	MONTH 38	MONTH 39	MONTH 40
Non-Hazardous, Non Inert (Low Pollution)	Exported Off Site Vol (Bulked Stockpile Volume [m3])				2,056	2,963	2,963	2,963	2,963	2,963	2,963	2,963	2,963	2,963	2,963	2,963					
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	1,645	2,370	2,370	2,370	2,370	2,370	2,370	2,370	2,370	2,370	2,370	2,370	0	0	0	0	0
	Tonnage ([m3] x Density)	0	0	0	4,441	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	0	0	0	0	0
	Number Vehicles (20 Tonne)	0	0	0	222	320	320	320	320	320	320	320	320	320	320	320	0	0	0	0	0
Non-Hazardous, Non Inert (High Pollution)	Export Off Site Volume (Bulked Stockpile Volume)	3,361	3,361	3,361	1,028														378		
	Export Off Site (Unbulked / Bank Volume [m3])	2,689	2,689	2,689	822	0	0	0	0	0	0	0	0	0	0	0	0	0	302	0	0
	Tonnage ([m3] x Density)	6,399	6,399	6,399	1,957	0	0	0	0	0	0	0	0	0	0	0	0	0	720	0	0
	Number Vehicles (20 Tonne)	320	320	320	98	0	0	0	0	0	0	0	0	0	0	0	0	0	36	0	0
Halite	Export Off Site Volume (Bulked Stockpile Volume)																4,148	4,148	3,686		
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,963	2,963	2,633	0	0
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,400	6,400	5,687	0	0
	Number Vehicles (20 Tonne)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	320	320	284	0	0
Non Product Grade Polyhalite	Export Off Site Volume (Bulked Stockpile Volume)																			3,478	3,478
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,319	2,319
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,400	6,400
	Number Vehicles (20 Tonne)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	320	320
	Vehicle Loads (20T Vehicle)	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320

Feature		MONTH 41	MONTH 42	MONTH 43	MONTH 44	MONTH 45	MONTH 46	MONTH 47	MONTH 48	MONTH 49	MONTH 50	MONTH 51	MONTH 52	MONTH 53	MONTH 54	MONTH 55	MONTH 56	MONTH 57	MONTH 58	Total
Non-Hazardous, Non Inert (Low Pollution)	Exported Off Site Vol (Bulked Stockpile Volume [m3])														4,380	5,926	5,926	5,213		62,927
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	0	0	0	0	0	3,504	4,741	4,741	4,170	0	50,342
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	0	0	0	0	0	9,461	12,800	12,800	11,260	0	135,922
	Number Vehicles (20 Tonne)	0	0	0	0	0	0	0	0	0	0	0	0	0	473	640	640	563	0	6,796
Non-Hazardous, Non Inert (High Pollution)	Export Off Site Volume (Bulked Stockpile Volume)		1,870	6,723	6,723	6,723	6,723	6,723	6,723	6,723	6,723	6,723	6,723	6,723	1,751					91,395
	Export Off Site (Unbulked / Bank Volume [m3])	0	1,496	5,378	5,378	5,378	5,378	5,378	5,378	5,378	5,378	5,378	5,378	5,378	1,401	0	0	0	0	73,116
	Tonnage ([m3] x Density)	0	3,560	12,801	12,801	12,801	12,801	12,801	12,801	12,801	12,801	12,801	12,801	12,801	3,334	0	0	0	0	174,016
	Number Vehicles (20 Tonne)	0	178	640	640	640	640	640	640	640	640	640	640	640	167	0	0	0	0	8,701
Halite	Export Off Site Volume (Bulked Stockpile Volume)		5,867																	17,849
	Export Off Site (Unbulked / Bank Volume [m3])	0	4,191	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,749
	Tonnage ([m3] x Density)	0	9,052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27,538
	Number Vehicles (20 Tonne)	0	453	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,377
Non Product Grade Polyhalite	Export Off Site Volume (Bulked Stockpile Volume)	6,956	100																	14,012
	Export Off Site (Unbulked / Bank Volume [m3])	4,637	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,341
	Tonnage ([m3] x Density)	12,799	184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,782
	Number Vehicles (20 Tonne)	640	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,289
	Vehicle Loads (20T Vehicle)	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	563	0	

York Potash - Minehead Site Earthworks Strategy Volumes (Alternative Product Grade Polyhalite Transport Option)

Earthworks Material - Exported Off-Site:

	Feature		Stockpile Volume	Bank Volume	Tonnage	Vehicle Loads (20T Vehicles)	Vehicle Loads (28T Vehicles)	Vehicle Loads (26.3T Vehicles)
Exported Off Site	Non-Hazardous, Non Inert (Low Pollution) 20T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])	41,481					
		Export Off Site (Unbulked / Bank Volume [m3])		33,185				
		Tonnage ([m3] x Density)			89,600			
		Number Vehicles (20 Tonne)				4,480		
	Non-Hazardous, Non Inert (Low Pollution) 26.3T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])	21,445					
		Export Off Site (Unbulked / Bank Volume [m3])		17,156				
		Tonnage ([m3] x Density)			46,321			
		Number Vehicles (26.3 Tonne)						1,761
	Non-Hazardous, Non Inert (High Pollution) 20T Loads	Export Off Site Volume (Bulked Stockpile Volume)	13,821					
		Export Off Site (Unbulked / Bank Volume [m3])		11,057				
		Tonnage ([m3] x Density)			26,315			
		Number Vehicles (20 Tonne)				1,316		
	Non-Hazardous, Non Inert (High Pollution) 26.3T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])	77,574					
		Export Off Site (Unbulked / Bank Volume [m3])		62,059				
		Tonnage ([m3] x Density)			147,701			
		Number Vehicles (26.3 Tonne)						5,616
	Halite 20T Loads	Export Off Site Volume (Bulked Stockpile Volume)	11,980					
		Export Off Site (Unbulked / Bank Volume [m3])		8,557				
		Tonnage ([m3] x Density)			18,484			
		Number Vehicles (20 Tonne)				924		
	Halite 26.3T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])	5,867					
		Export Off Site (Unbulked / Bank Volume [m3])		4,191				
		Tonnage ([m3] x Density)			9,052			
		Number Vehicles (26.3 Tonne)						344
	Non Product Grade Polyhalite 20T Loads	Export Off Site Volume (Bulked Stockpile Volume)	6,956					
		Export Off Site (Unbulked / Bank Volume [m3])		4,637				
		Tonnage ([m3] x Density)			12,798			
		Number Vehicles (20 Tonne)				640		
	Non Product Grade Polyhalite 26.3T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])	7,056					
		Export Off Site (Unbulked / Bank Volume [m3])		4,704				
		Tonnage ([m3] x Density)			12,983			
		Number Vehicles (26.3 Tonne)						494
	Product Grade Polyhalite 28T Loads	Export Off Site Volume (Bulked Stockpile Volume)	121,739					
		Export Off Site (Unbulked / Bank Volume [m3])		81,159				
		Tonnage ([m3] x Density)			223,999			
		Number Vehicles (28 Tonne)					8,000	
		Total	307,918	226,705	587,252	7,360	8,000	8,215

Feature		MONTH 1	MONTH 2	MONTH 3	MONTH 4	MONTH 5	MONTH 6		MONTH 7	MONTH 8	MONTH 9	MONTH 10	MONTH 11	MONTH 12	MONTH 13	MONTH 14	MONTH 15	MONTH 16	MONTH 17	MONTH 18	MONTH 19	MONTH 20
Non-Hazardous, Non Inert (Low Pollution) 20T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])																			907	2,963	2,963
	Export Off Site (Unbulked / Bank Volume [m3])		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	726	2,370	2,370
	Tonnage ([m3] x Density)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,959	6,400	6,400
	Number Vehicles (20 Tonne)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	98	320	320
Non-Hazardous, Non Inert (Low Pollution) 26.3T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])																					
	Export Off Site (Unbulked / Bank Volume [m3])		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tonnage ([m3] x Density)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Number Vehicles (26.3 Tonne)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hazardous, Non Inert (High Pollution) 20T Loads	Export Off Site Volume (Bulked Stockpile Volume)																			2,332	0	0
	Export Off Site (Unbulked / Bank Volume [m3])		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,866	0	0
	Tonnage ([m3] x Density)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,440	0	0
	Number Vehicles (20 Tonne)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	222	0	0
Non-Hazardous, Non Inert (High Pollution) 26.3T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])																					
	Export Off Site (Unbulked / Bank Volume [m3])		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tonnage ([m3] x Density)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Number Vehicles (26.3 Tonne)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Halite 20T Loads	Export Off Site Volume (Bulked Stockpile Volume)																					
	Export Off Site (Unbulked / Bank Volume [m3])		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tonnage ([m3] x Density)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Number Vehicles (20 Tonne)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Halite 26.3T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])																					
	Export Off Site (Unbulked / Bank Volume [m3])		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tonnage ([m3] x Density)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Number Vehicles (26.3 Tonne)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non Product Grade Polyhalite 20T Loads	Export Off Site Volume (Bulked Stockpile Volume)																					
	Export Off Site (Unbulked / Bank Volume [m3])		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tonnage ([m3] x Density)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Number Vehicles (20 Tonne)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non Product Grade Polyhalite 26.3T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])																					
	Export Off Site (Unbulked / Bank Volume [m3])		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tonnage ([m3] x Density)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Number Vehicles (26.3 Tonne)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Product Grade Polyhalite 28T Loads	Export Off Site Volume (Bulked Stockpile Volume)																					
	Export Off Site (Unbulked / Bank Volume [m3])		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tonnage ([m3] x Density)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Number Vehicles (28 Tonne)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vehicle Loads (20T Vehicle)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	320	320	320
	Vehicle Loads (28T Vehicle)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vehicle Loads (26.3T Vehicle)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Feature		MONTH 21	MONTH 22	MONTH 23	MONTH 24	MONTH 25	MONTH 26	MONTH 27	MONTH 28	MONTH 29	MONTH 30	MONTH 31	MONTH 32	MONTH 33	MONTH 34	MONTH 35	MONTH 36	MONTH 37	MONTH 38	MONTH 39	MONTH 40
Non-Hazardous, Non Inert (Low Pollution) 20T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])	0	0	0	2,056	2,963	2,963	2,963	2,963	2,963	2,963	2,963	2,963	2,963	2,963	2,963					
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	1,645	2,370	2,370	2,370	2,370	2,370	2,370	2,370	2,370	2,370	2,370	2,370	0	0	0	0	0
	Tonnage ([m3] x Density)	0	0	0	4,441	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	0	0	0	0	0
	Number Vehicles (20 Tonne)	0	0	0	222	320	320	320	320	320	320	320	320	320	320	320	0	0	0	0	0
Non-Hazardous, Non Inert (Low Pollution) 26.3T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])																				
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Number Vehicles (26.3 Tonne)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hazardous, Non Inert (High Pollution) 20T Loads	Export Off Site Volume (Bulked Stockpile Volume)	3,361	3,361	3,361	1,028	0	0	0	0	0	0	0	0	0	0	0			378		
	Export Off Site (Unbulked / Bank Volume [m3])	2,689	2,689	2,689	822	0	0	0	0	0	0	0	0	0	0	0	0	0	302	0	0
	Tonnage ([m3] x Density)	6,399	6,399	6,399	1,957	0	0	0	0	0	0	0	0	0	0	0	0	0	720	0	0
	Number Vehicles (20 Tonne)	320	320	320	98	0	0	0	0	0	0	0	0	0	0	0	0	0	36	0	0
Non-Hazardous, Non Inert (High Pollution) 26.3T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])																				
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Number Vehicles (26.3 Tonne)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Halite 20T Loads	Export Off Site Volume (Bulked Stockpile Volume)																4,148	4,148	3,686		
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,963	2,963	2,633	0	0
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,400	6,400	5,687	0	0
	Number Vehicles (20 Tonne)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	320	320	284	0	0
Halite 26.3T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])																				
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Number Vehicles (26.3 Tonne)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non Product Grade Polyhalite 20T Loads	Export Off Site Volume (Bulked Stockpile Volume)																			3,478	3,478
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,319	2,319
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,400	6,400
	Number Vehicles (20 Tonne)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	320	320
Non Product Grade Polyhalite 26.3T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])																				
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Number Vehicles (26.3 Tonne)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Product Grade Polyhalite 28T Loads	Export Off Site Volume (Bulked Stockpile Volume)																				
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Number Vehicles (28 Tonne)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vehicle Loads (20T Vehicle)	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320
	Vehicle Loads (28T Vehicle)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vehicle Loads (26.3T Vehicle)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Feature		MONTH 41	MONTH 42	MONTH 43	MONTH 44	MONTH 45	MONTH 46	MONTH 47	MONTH 48	MONTH 49	MONTH 50	MONTH 51	MONTH 52	MONTH 53	MONTH 54	MONTH 55	MONTH 56	MONTH 57	MONTH 58	Total
Non-Hazardous, Non Inert (Low Pollution) 20T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])																			41,482
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33,186
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89,601
	Number Vehicles (20 Tonne)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,480
Non-Hazardous, Non Inert (Low Pollution) 26.3T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])																1,437	9,996	10,012	21,445
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,150	7,997	8,010	17,156
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,104	21,591	21,626	46,321
	Number Vehicles (26.3 Tonne)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	118	821	822	1,761
Non-Hazardous, Non Inert (High Pollution) 20T Loads	Export Off Site Volume (Bulked Stockpile Volume)																			13,821
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,057
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26,315
	Number Vehicles (20 Tonne)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,316
Non-Hazardous, Non Inert (High Pollution) 26.3T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])										11,119	11,340	11,354	11,340	11,354	11,340	9,727			77,574
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	0	8,895	9,072	9,083	9,072	9,083	9,072	7,782	0	0	62,059
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	0	21,171	21,591	21,618	21,591	21,618	21,591	18,520	0	0	147,701
	Number Vehicles (26.3 Tonne)	0	0	0	0	0	0	0	0	0	805	821	822	821	822	821	704	0	0	5,616
Halite 20T Loads	Export Off Site Volume (Bulked Stockpile Volume)																			11,982
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,559
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,487
	Number Vehicles (20 Tonne)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	924
Halite 26.3T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])									5,574	293									5,867
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	3,981	209	0	0	0	0	0	0	0	0	4,191
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	8,600	452	0	0	0	0	0	0	0	0	9,052
	Number Vehicles (26.3 Tonne)	0	0	0	0	0	0	0	0	327	17	0	0	0	0	0	0	0	0	344
Non Product Grade Polyhalite 20T Loads	Export Off Site Volume (Bulked Stockpile Volume)																			6,956
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,637
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,799
	Number Vehicles (20 Tonne)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	640
Non Product Grade Polyhalite 26.3T Loads	Exported Off Site Vol (Bulked Stockpile Volume [m3])									7,056										7,056
	Export Off Site (Unbulked / Bank Volume [m3])	0	0	0	0	0	0	0	0	4,704	0	0	0	0	0	0	0	0	0	4,704
	Tonnage ([m3] x Density)	0	0	0	0	0	0	0	0	12,983	0	0	0	0	0	0	0	0	0	12,983
	Number Vehicles (26.3 Tonne)	0	0	0	0	0	0	0	0	494	0	0	0	0	0	0	0	0	0	494
Product Grade Polyhalite 28T Loads	Export Off Site Volume (Bulked Stockpile Volume)	15,217	15,218	15,217	15,217	15,218	15,217	15,217	15,218											121,739
	Export Off Site (Unbulked / Bank Volume [m3])	10,145	10,145	10,145	10,145	10,145	10,145	10,145	10,145	0	0	0	0	0	0	0	0	0	0	81,159
	Tonnage ([m3] x Density)	27,999	28,001	27,999	27,999	28,001	27,999	27,999	28,000	0	0	0	0	0	0	0	0	0	0	223,999
	Number Vehicles (28 Tonne)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	0	0	0	0	0	0	0	0	0	8,000
	Vehicle Loads (20T Vehicle)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Vehicle Loads (28T Vehicle)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	0	0	0	0	0	0	0	0	0	
	Vehicle Loads (26.3T Vehicle)	0	0	0	0	0	0	0	0	821	822	821	822	821	822	821	822	821	822	

First Prodct Grade Polyhalite

Definitions	
Bank Volume	Undisturbed volume of material in the ground
Bank Density	Bulk density of undisturbed material in the ground
Exported off Site - Temp Stockpile bulking factor	Change in volume between bank volume and volume off the same mass of material placed in temporary stockpile
Retained on Site - Overall earthworks bulking factor	Change in volume between bank volume and volume of the same mass of material placed within permanent earthwork bunds.

Bank Densities	
Non-Hazardous, Non Inert (Low Pollution)	2.70
Non-Hazardous, Non Inert (High Pollution)	2.38
Halite	2.16
Non Product Grade Polyhalite	2.76
Product Grade Polyhalite	2.76