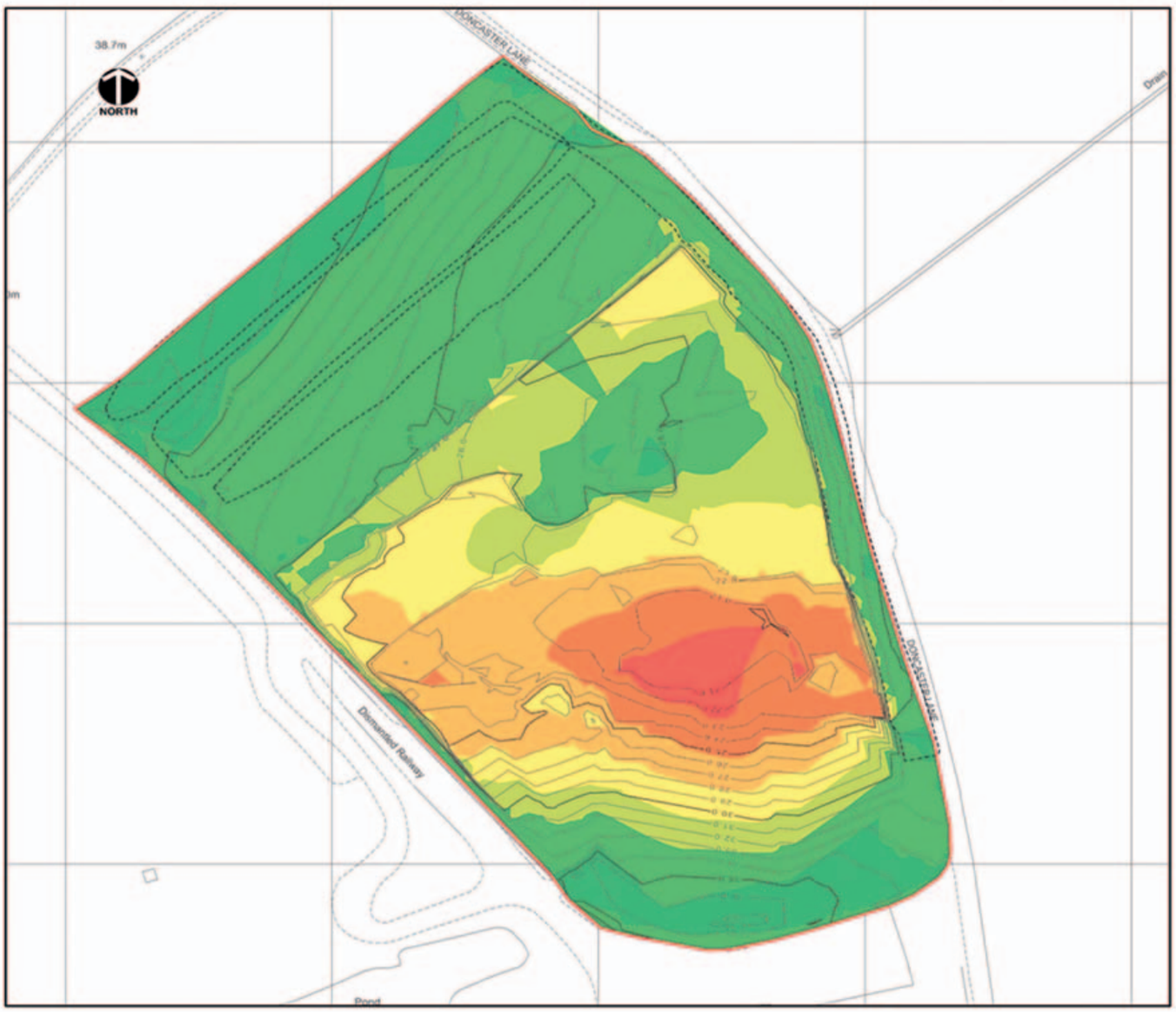
Year	Source			Material & Volume (m3) Movements			Destination			Comment	Soils placed/stored			Overburden placed/stored			Restoration volume added			
	Phase	Quarry	Bund	Soil	Clay/shale	Sand o/b	Phase	Quarry	Bund		Q2	Q3	Q4	Q2	Q3	Q4	Bunds	Q2	Q3	Q4
2007	1	2 (exist)			100,250			2		Direct restoration				100,250				100,250		
		3 (exist)		5,700				3	1	Storage		5,700					5,700			
		3 (south)			45,000			2		Resto/storage				45,000				45,000		
		4		11,000		21,500		2		Resto/storage	11,000			21,500				32,500		
Phase 1 Sub total				**16,700**	**145,250**	**21,500**					**11,000**	**5,700**		**166,750**						
2010	2	3 (exist)		1,600	60,000	20,000		2		Resto/storage	1,600			80,000				81,600		
		3 (exist)		3,700				3	3	Storage		3,700					3,700			
		3 (exist)		1,000				3		Bench planting		1,000							1,000	
		4				42,500		2		Resto/storage				42,500				42,500		
		4		20,000		2,000		4	2	Storage			20,000			2,000	22,000			
Phase 2 Sub total				**26,300**	**60,000**	**64,500**					**1,600**	**4,700**	**20,000**	**122,500**		**2,000**				
2012	3	3				85,100		2		Resto/storage				85,100				85,100		
		3	3	3,700				3	4	Storage		3,700					3,700			
		3		6,000				3	4	Storage		6,000					6,000			
		3		6,400				2		Resto/storage	6,400							6,400		
		4			13,700			4	lagoon	Geotechnical bund						13,700	13,700			
		4				57,100		2		Resto/storage				57,100			0	57,100		
		4		16,700				4	5	Storage			16,700				16,700			
		4		12,370				2		Resto/storage	12,370							12,370		
Phase 3 Sub total				**45,170**	**13,700**	**142,200**					**18,770**	**9,700**	**16,700**	**142,200**		**13,700**				
2015	4	3		1,500				2		Resto/storage	1,500							1,500		
		3	4	9,700				2		Resto/storage	9,700							9,700		
		3		9,100				3	6	Storage		9,100					9,100			
		3				37,000		2		Resto/storage				37,000				37,000		
		4				99,400	3	4		Restoration						99,400				99,400
		4		20,000			3	4		Restoration			20,000							20,000
Phase 4 Sub total				**40,300**	**0**	**136,400**					**11,200**	**9,100**	**20,000**	**37,000**		**99,400**				
2017	5	3		2,500				3		Bench planting		2,500							2,500	
		3		4,100				2		Resto/storage	4,100							4,100		
		3				20,000	3-4	3		Restoration in base					20,000				20,000	
		4		13,650		120,400	3-4	4		Restoration			13,650			120,400				134,050
Phase 5 Sub total				**20,250**	**0**	**140,400**					**4,100**	**2,500**	**13,650**		**20,000**	**120,400**				
TOTAL VOLUME MOVED (m3)				**148,720**	**218,950**	**505,000**					**46,670**	**31,700**	**70,350**	**468,450**	**20,000**	**235,500**	**80,600**	**515,120**	**23,500**	**253,450**



Key

- Site boundary
- 12.00 to 10.00
- 10.00 to 8.00
- 8.00 to 6.00
- 6.00 to 4.00
- 4.00 to 2.00
- 2.00 to 0.00
- Little or no change

Metres difference between the an assumed landform minus the stock piles to the Proposed Restoration Landform (SB45-D1 issue 2)

- Extent of existing bunds
- Assumed base levels with bunds and other stock piles removed

waste recycling

Client:

WASTE RECYCLING GROUP

Project:

SKELBROOKE LANDFILL SITE

Title:

Restoration Isopachyte Plan (Excluding Stock Piles)

Bright & Associates

November 2003

Scale 1:1500

SB450-D4