



# ANALYTICAL REPORT

Report Number	84161-20	T307	JONATHAN LLOYD	Client 8803-8809
Date Received	21-JAN-2020		WHITES RECYCLING LTD	
Date Reported	24-JAN-2020		THE MINE SITE	Mr WB Powell
Project	SOIL		SOUTH WITHAM	
Reference	JONATHAN LLOYD		GRANTHAM	
Order Number	49204		NG33 5QN	

Laboratory Reference		SOIL467249	SOIL467250	SOIL467251	SOIL467252	SOIL467253	SOIL467254	SOIL467255			
Sample Reference		SCL <sub>8803</sub> 1	CL <sub>8804</sub> 2	CL <sub>8805</sub> 3	SCL <sub>8806</sub> 4	SCL <sub>8807</sub> 5	SCL <sub>8808</sub> 6	SCL <sub>8809</sub> 7			
Determinand	Unit	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
pH water [1:2.5]		6.1	5.7	5.7	5.6	6.0	6.0	5.7			
Available Phosphorus (Index)	mg/l	11.8 (1)	20.6 (2)	16.2 (2)	13.8 (1)	18.4 (2)	19.4 (2)	10.0 (1)			
Available Potassium (Index)	mg/l	116 (1)	291 (3)	192 (2+)	158 (2-)	280 (3)	299 (3)	172 (2-)			
Available Magnesium (Index)	mg/l	147 (3)	170 (3)	177 (4)	224 (4)	191 (4)	151 (3)	154 (3)			
Dry Matter (Fresh)	%	69.3	63.2	66.2	66.1	64.8	66.3	70.7			
Conductivity Sat CaSO4	uS/cm	2059	2113	2088	2076	2127	2134	2107			
Available Sodium	mg/l	13.7	15.2	13.9	14.8	13.4	11.6	13.3			
Available Calcium	mg/l	1107	1013	1106	1212	1119	1144	1240			
Total Nitrogen	% w/w	0.345	0.282	0.324	0.325	0.386	0.388	0.380			
Total Copper	mg/kg	19.2	19.1	17.3	16.2	18.0	17.9	16.7			
Total Zinc	mg/kg	82.8	97.2	92.6	83.2	87.0	87.9	83.6			
Total Lead	mg/kg	20.6	16.7	18.7	19.4	20.1	22.2	19.5			
Total Cadmium	mg/kg	0.18	0.12	0.17	0.17	0.20	0.19	0.18			
Total Nickel	mg/kg	34.8	36.7	36.4	36.3	35.5	34.4	35.5			
Total Chromium	mg/kg	32.7	42.3	40.3	37.7	34.7	34.0	37.2			
Total Mercury	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2			
Total Sulphur	mg/kg	539	425	521	490	542	569	563			

Notes	
Analysis Notes	<p>The sample submitted was of adequate size to complete all analysis requested.</p> <p>The results as reported relate only to the item(s) submitted for testing.</p> <p>The results are presented on a dry matter basis unless otherwise stipulated.</p>
Document Control	<p><b>This test report shall not be reproduced, except in full, without the written approval of the laboratory.</b></p>



ANALYTICAL NOTES			
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Notes			
Reported by	<p><i>Myles Nicholson</i> Natural Resource Management, a trading division of Cawood Scientific Ltd. Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS Tel: 01344 886338 Fax: 01344 890972 email: enquiries@nrm.uk.com</p>		