



Benefit Statement – By Pass Dust (19 02 03/04*)			
Determinand	Nutrient content	Nutrient supplied ¹	Potential Value (£/t)
Total N	<0.01 % w/w	0	-
Nitrate N	<10 mg/kg	0	-
Ammonium N	24.8 mg/kg	0	-
Total P	97.8 mg/kg	0	-
Total K	288540 mg/kg	307	120.94
Total Mg	2132 mg/kg	3	
Total Cu	397 mg/kg	0.35	
Total Zn	53.4 mg/kg	0.05	
Total Pb	641 mg/kg	0.57	
Total Hg	0.09 mg/kg	0	
Total As	3.45 mg/kg	0	
Total Se	40.9 mg/kg	0.04	
Total Ba	56.1 mg/kg	0.05	
Total Co	2.09 mg/kg	0	
Total B	13.7 mg/kg	0.01	
Total V	13.0 mg/kg	0.01	
Total Fe	5976 mg/kg	5.31	
Total Sulphur	13136 mg/kg	29.16	2.86
Total Na	12032 mg/kg	10.68	
Total Ca	32446 mg/kg	150.99	
Dry matter	88.8%	pH	12.6
Application rate – 1 t/ha			
Total nutrient value £124.01/ha (£124.01/t)			
<p>Benefits: The material contains no Nitrogen or Phosphate, but it does contain a large amount of potash that is approximately 75% available so is able to be spread during NVZ closed periods. It will also supply small amounts of sulphur and sodium. The material has a very high conductivity with an alkaline pH, with a large amount of calcium so will also have a neutralising effect. Heavy metal addition rates are very low.</p>			

¹ Kg/ha at the stated application rate