



SWEP
PTY. LTD.

**ANALYTICAL
LABORATORIES**

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REPORT ON SAMPLE OF GUANO

FILE NO : 040131211

DATE ISSUED : 12/3/2004

KISMET INTERNATIONAL PTY LTD
T/as GUANO AUSTRALIA PTY LTD
49 FIELD STREET
SHEPPARTON, VIC 3630

CLIENT ID : KISMET
PHONE : 03 5821 1100

REFERENCE : KISMET INTERNATIONAL PTY LTD

REFERENCE ID : KISMET
PHONE : 03 5821 1100

SAMPLE ID : MADURA GUANO GOLD-KWIK START

DATE RECEIVED : 23/01/2004

ANALYSIS REQUIRED : Full & silica & extractable heavy metals

SOURCE:

ITEMS	ABBREVIATION	UNIT	RESULTS
TOTAL NITROGEN	N	%	0.1
TOTAL PHOSPHORUS	P	%	13.14
TOTAL POTASSIUM	K	%	0.1
TOTAL SULPHUR	S	%	0.34
TOTAL CALCIUM	Ca	%	27.1
TOTAL MAGNESIUM	Mg	%	0.16
TOTAL SODIUM	Na	%	0.07
TOTAL IRON	Fe	ppm	3.73
TOTAL MANGANESE	Mn	ppm	1.79
TOTAL ZINC	Zn	ppm	907
TOTAL COPPER	Cu	ppm	309.1
TOTAL COBALT	Co	ppm	18.43
TOTAL BORON	B	ppm	47.48
TOTAL MOLYBDENUM	Mo	ppm	16.63
pH	1:5 Water		7.9
Electrical Conductivity		µS/cm	270
TOTAL ORGANIC CARBON (loss on ignition)		%	15.15
TOTAL SILICA	Si	%	16.24
TOTAL ALUMINIUM	Al	%	3.9
EXTRACTABLE CADMIUM	Cd	ppm	< 2
EXTRACTABLE LEAD	Pb	ppm	< 10
EXTRACTABLE MERCURY	Hg	ppm	< 0.03