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Page: 1
Finalized Date: 19-DEC-2008
Account: NUPRES

CERTIFICATE AS08155782

Project: Phosphates

P.O. No.: 2008/24

This report is for 42 Soil samples submitted to our lab in Alice Springs, NT, Australia on 3-NOV-2008.

The following have access to data associated with this certificate:

WARRICK RAFFERTY

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
WSH-22	"Wash" pulverizers
LOG-22	Sample login - Rcd w/o BarCode
LEV-01	Waste Disposal Levy
PUL-QC	Pulverizing QC Test
LEV-02	Remote Lab Surcharge
PUL-23	Pulv Sample - Split/Retain

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
ME-ICP81x	Peroxide fusion	ICP-AES

To: **NUPOWER RESOURCES LTD**
ATTN: WARRICK RAFFERTY
GPO BOX 2552
DARWIN NT 0801

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Wayne Abbott, Operations Manager, Western Australia



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CERTIFICATE OF ANALYSIS AS08155782

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	PUL-QC Pass75um % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
FLUSH A		<0.02		<0.5	4.94	7	910	0.9	2	0.92	<0.5	3	19	7	1.04	10
FLUSH B		<0.02		<0.5	4.97	<5	920	0.9	<2	0.90	<0.5	3	13	5	0.96	10
FLUSH C		<0.02		<0.5	5.05	<5	910	1.0	<2	0.94	<0.5	4	15	7	1.09	10
12801		0.57		<0.5	0.09	<5	150	<0.5	3	32.6	<0.5	2	7	5	0.31	<10
12802		0.51		<0.5	0.07	<5	120	<0.5	<2	26.7	<0.5	3	11	3	1.33	<10
12803		0.66		<0.5	1.69	<5	200	<0.5	<2	2.58	<0.5	2	17	8	0.35	10
12804		0.50		<0.5	1.55	<5	70	<0.5	<2	3.00	<0.5	3	16	5	0.37	10
12805		0.53		1.0	2.38	5	900	3.3	<2	1.06	<0.5	3	26	54	1.28	10
12806		0.34		0.5	1.49	12	1250	2.4	3	1.04	<0.5	13	52	155	2.66	<10
12807		0.27		<0.5	3.86	<5	560	5.7	2	1.28	<0.5	10	44	34	3.78	10
12808		0.23		0.5	1.43	<5	750	1.7	<2	1.91	<0.5	3	34	28	3.59	10
12809		0.39		<0.5	1.35	<5	60	1.2	<2	0.07	<0.5	3	14	15	1.35	<10
12810		0.29		<0.5	0.49	<5	130	<0.5	<2	0.06	<0.5	2	13	10	1.23	<10
12811		0.43		<0.5	5.32	18	410	4.5	<2	0.14	<0.5	8	45	65	3.70	10
12812		0.52		<0.5	3.25	12	170	6.7	<2	0.32	<0.5	29	116	87	28.7	10
12813		0.42		<0.5	0.18	<5	160	<0.5	2	0.13	<0.5	3	16	17	2.34	<10
12814		0.36		<0.5	1.94	21	190	5.6	2	0.24	0.5	48	33	62	32.0	10
12815		0.41		<0.5	3.66	7	840	12.5	2	0.35	<0.5	31	28	14	16.55	10
12816		0.35		<0.5	1.22	<5	520	0.6	3	0.11	<0.5	3	19	13	2.06	<10
12817		0.51		<0.5	1.97	8	970	18.8	2	0.41	0.9	75	9	48	35.2	<10
12818		0.34	99.9	<0.5	4.68	5	170	2.2	<2	0.06	<0.5	7	17	17	2.21	10
12819		0.29		<0.5	4.36	<5	370	1.6	<2	0.08	<0.5	6	23	14	0.75	10
12820		0.30		<0.5	4.21	<5	170	1.2	2	0.18	<0.5	6	17	8	1.50	10
12821		0.51		<0.5	3.56	7	150	1.0	<2	0.02	<0.5	2	31	3	0.96	10
12822		0.40		<0.5	7.33	<5	620	4.3	3	0.09	<0.5	17	26	167	7.17	20
12823		0.58		<0.5	0.32	28	160	3.8	3	0.02	<0.5	<1	6	13	>50	10
12824		0.29		<0.5	2.43	<5	2120	1.1	<2	21.8	<0.5	7	18	15	1.72	10
12825		0.31		<0.5	1.39	5	1510	4.0	<2	29.1	<0.5	5	14	11	0.56	<10
12826		0.49		<0.5	4.42	74	460	5.1	<2	1.84	<0.5	31	53	123	24.4	10
12827		0.47		<0.5	4.59	42	250	22.8	<2	1.41	<0.5	4	219	230	29.8	10
12828		0.45		<0.5	0.34	<5	230	<0.5	2	0.08	<0.5	2	21	14	1.59	<10
12829		0.42		<0.5	3.85	<5	770	1.7	2	0.11	<0.5	2	35	8	0.79	10
12830		0.28		<0.5	5.59	19	750	1.6	2	0.06	<0.5	2	110	19	2.05	20
12831		0.37		<0.5	3.13	256	1310	5.7	5	0.05	<0.5	13	31	39	35.1	10
12832		0.26		<0.5	4.83	7	470	2.1	<2	0.14	<0.5	2	47	7	1.47	20
12833		0.25		<0.5	6.30	48	390	5.5	3	2.00	<0.5	5	58	58	9.56	10
12834		0.44		<0.5	4.55	62	140	9.6	2	1.41	<0.5	4	35	173	19.55	<10
12835		0.30		<0.5	0.44	9	100	0.7	<2	0.12	<0.5	4	29	24	3.30	<10
12836		0.22		<0.5	3.67	47	420	4.4	<2	0.23	<0.5	2	274	34	12.40	10
12837		0.27		<0.5	4.01	58	280	3.3	2	0.57	<0.5	12	93	44	18.75	10



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Project: Phoeppates

CERTIFICATE OF ANALYSIS AS08155782

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
		%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
FLUSH A		2.76	10	0.23	155	1	1.31	6	130	23	<0.01	<5	3	210	<20	0.06
FLUSH B		2.78	10	0.23	148	1	1.33	6	130	23	<0.01	<5	3	211	<20	0.06
FLUSH C		2.80	10	0.24	164	1	1.33	7	120	20	<0.01	<5	4	212	<20	0.06
12801		0.03	530	0.07	262	1	0.14	4	>10000	24	<0.01	<5	1	3520	70	0.01
12802		0.02	810	0.03	636	1	0.18	22	>10000	8	0.01	<5	2	2910	80	<0.01
12803		0.04	60	0.03	57	1	0.03	8	9450	12	0.04	<5	4	249	20	0.07
12804		0.03	90	0.03	96	1	0.03	6	>10000	7	0.01	<5	3	283	20	0.06
12805		0.35	20	0.07	132	1	0.04	11	>10000	14	0.11	5	5	457	<20	0.12
12806		0.27	40	0.28	750	2	0.07	29	5120	15	0.47	17	10	546	<20	0.06
12807		0.52	30	0.15	134	1	0.04	61	>10000	8	0.04	<5	9	593	20	0.23
12808		0.09	10	0.07	74	1	0.02	14	3280	10	0.05	<5	6	205	<20	0.08
12809		0.06	10	0.02	135	2	0.02	9	6450	4	0.02	<5	1	28	<20	0.02
12810		0.13	10	0.04	119	2	0.01	5	610	3	0.02	<5	1	53	<20	0.03
12811		0.97	230	0.26	77	2	0.05	38	890	40	0.02	5	18	302	20	0.27
12812		0.62	10	0.18	102	1	0.13	43	1880	8	0.02	6	51	43	<20	0.20
12813		0.02	10	0.01	261	3	0.01	8	500	4	0.05	<5	1	60	<20	0.11
12814		0.21	20	0.19	565	1	0.06	61	1920	21	0.11	5	18	50	<20	0.11
12815		1.77	20	0.38	3850	2	0.05	37	750	7	0.01	<5	10	53	<20	0.26
12816		0.12	30	0.04	383	2	0.01	7	530	4	0.08	<5	2	120	<20	0.05
12817		0.88	30	0.32	6660	1	0.03	103	1620	17	0.10	<5	6	89	<20	0.12
12818		0.45	30	0.12	361	<1	0.03	12	240	10	0.01	<5	8	22	<20	0.29
12819		1.29	30	0.14	109	<1	0.05	7	150	6	0.01	<5	7	34	<20	0.32
12820		0.30	20	0.20	478	1	0.02	7	200	5	0.05	<5	6	21	<20	0.13
12821		0.81	80	0.14	76	1	0.02	4	230	12	0.01	8	8	71	60	0.45
12822		2.95	70	0.29	1560	1	0.05	20	850	7	0.01	5	29	57	20	0.63
12823		0.04	<10	0.01	719	16	0.02	<1	60	6	0.01	11	33	7	<20	0.01
12824		1.36	20	0.59	289	1	0.19	9	3100	4	0.08	<5	6	141	<20	0.14
12825		0.50	10	0.34	369	1	0.03	15	>10000	10	0.06	<5	4	135	<20	0.05
12826		0.47	20	0.10	898	4	0.03	118	>10000	18	0.35	<5	66	533	<20	0.14
12827		0.63	10	0.31	131	7	0.05	64	7940	10	0.03	8	66	85	<20	0.14
12828		0.06	<10	0.03	206	4	0.02	8	250	16	0.03	<5	4	36	<20	0.77
12829		0.60	110	0.11	43	1	0.06	6	1610	206	0.04	<5	7	349	20	0.35
12830		0.67	60	0.11	63	2	0.04	4	510	50	0.02	5	9	94	20	0.42
12831		0.48	20	0.10	244	13	0.03	22	7580	27	0.10	5	28	66	<20	0.16
12832		1.03	80	0.39	40	1	0.07	9	810	90	0.01	<5	16	118	30	0.56
12833		0.63	50	0.12	187	4	0.05	24	>10000	29	0.67	5	15	375	<20	0.27
12834		0.34	10	0.06	68	16	0.05	48	>10000	9	0.46	<5	15	819	<20	0.11
12835		0.06	10	0.02	332	4	0.02	13	1140	10	0.04	5	5	45	<20	0.82
12836		0.92	30	0.20	97	7	0.04	30	4920	26	0.07	6	41	355	<20	0.35
12837		0.67	20	0.33	111	5	0.06	49	6570	24	0.21	5	30	312	<20	0.25



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Project: Phosphates

CERTIFICATE OF ANALYSIS AS08155782

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP81x
		Ti	U	V	W	Zn	P2O5
		ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	% 0.02
FLUSH A		<10	<10	18	<10	12	
FLUSH B		<10	<10	17	<10	12	
FLUSH C		<10	<10	19	<10	13	
12801		<10	40	20	<10	<2	2.48
12802		<10	60	40	<10	5	4.23
12803		<10	<10	13	<10	10	
12804		<10	10	13	<10	3	2.37
12805		<10	20	72	<10	33	2.44
12806		10	10	228	<10	66	
12807		<10	30	86	<10	115	2.54
12808		<10	10	74	<10	23	
12809		<10	<10	9	<10	3	
12810		<10	<10	8	<10	2	
12811		<10	20	97	<10	90	
12812		10	10	132	<10	186	
12813		<10	<10	29	<10	5	
12814		<10	10	78	<10	320	
12815		<10	<10	81	<10	41	
12816		<10	<10	12	<10	3	
12817		<10	10	142	<10	175	
12818		<10	<10	42	<10	29	
12819		<10	10	28	<10	22	
12820		<10	<10	16	<10	9	
12821		<10	10	31	<10	2	
12822		<10	20	52	<10	181	
12823		<10	<10	42	20	4	
12824		<10	<10	48	<10	31	
12825		<10	<10	44	<10	139	1.20
12826		<10	30	66	<10	343	3.22
12827		<10	60	460	<10	168	
12828		<10	<10	24	10	3	
12829		<10	10	41	<10	9	
12830		<10	10	133	<10	3	
12831		<10	20	44	<10	192	
12832		<10	10	84	<10	10	
12833		<10	20	88	<10	57	5.06
12834		<10	30	202	<10	193	4.72
12835		<10	10	34	<10	9	
12836		<10	20	429	<10	14	
12837		<10	10	86	<10	157	



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Method	WEI-21	PUL-QC	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Analyte	Recvd Wt.	Pass75um	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
Sample Description															
12838	0.25		<0.5	0.78	<5	1350	<0.5	3	0.14	<0.5	3	22	20	2.21	10
12839	0.45		<0.5	5.16	6	3510	2.4	2	0.17	<0.5	2	38	10	1.83	30



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Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
		%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
12838		0.08	40	0.03	273	5	0.02	9	690	58	0.12	<5	3	251	<20	0.39
12839		0.23	140	0.05	53	2	0.02	8	3710	78	0.11	<5	7	1030	30	0.14



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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP81x
	Analyte	Ti	U	V	W	Zn	P2O5
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	10	10	1	10	2	0.02
12838		<10	10	31	<10	7	
12839		<10	10	89	<10	13	