

Total Recoverable Hydrocarbons in Soil Our Reference: Your Reference	UNITS ----- -----	25726-28 MSW 69	25726-29 MSW 71	25726-30 MSW 73
TRH C ₆ - C ₉ P&T	mg/kg	<20	<20	<20
TRH C ₁₀ - C ₁₄	mg/kg	<20	<20	<20
TRH C ₁₅ - C ₂₄	mg/kg	<50	60	89
TRH C ₂₄ - C ₄₅	mg/kg	68	120	110



BTEX in Soil Our Reference: Your Reference	UNITS ----- -----	25726-28 MSW 69	25726-29 MSW 71	25726-30 MSW 73
Benzene	mg/kg	<0.50	<0.50	<0.50
Toluene	mg/kg	<0.50	<0.50	<0.50
Ethylbenzene	mg/kg	<0.50	<0.50	<0.50
Total Xylenes	mg/kg	<1.5	<1.5	<1.5
Surrogate	%	87	86	83



OC Pesticides in Soil Our Reference: Your Reference	UNITS	25726-1 MSW COMP 1	25726-2 MSW COMP 2	25726-3 MSW COMP 3	25726-4 MSW COMP 4	25726-5 MSW COMP 5
HCB	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
alpha-BHC	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
gamma-BHC(Lindane)	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Heptachlor	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Aldrin	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
bela-BHC	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
delta-BHC	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Heptachlor Epoxide	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>o,p'</i> -DDE	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
alpha-Endosulfan	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
trans-Chlordane	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
cis-Chlordane	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
trans-Nonachlor	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>p,p'</i> -DDE	mg/kg	0.22	0.16	<0.10	0.11	<0.10
Dieldrin	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endrin	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>o,p'</i> -DDD	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>o,p'</i> -DDT	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
beta-Endosulfan	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>p,p'</i> -DDD	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>p,p'</i> -DDT	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endosulfan Sulphate	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endrin Aldehyde	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Methoxychlor	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endrin Ketone	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Surrogate	%	78	70	86	65	86



OC Pesticides in Soil Our Reference: Your Reference	UNITS	25726-6 MSW COMP 6	25726-7 MSW COMP 7	25726-8 MSW COMP 8	25726-9 MSW COMP 9	25726-10 MSW COMP 10
HCB	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
alpha-BHC	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
gamma-BHC(Lindane)	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Heptachlor	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Aldrin	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
beta-BHC	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
delta-BHC	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Heptachlor Epoxide	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
o,p'-DDE	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
alpha-Endosulfan	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
trans-Chlordane	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
cis-Chlordane	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
trans-Nonachlor	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
p,p'-DDE	mg/kg	<0.10	<0.10	0.21	0.11	<0.10
Dieldrin	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endrin	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
o,p'-DDD	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
o,p'-DDT	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
beta-Endosulfan	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
p,p'-DDD	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
p,p'-DDT	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endosulfan Sulphate	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endrin Aldehyde	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Methoxychlor	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endrin Ketone	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Surrogate	%	94	97	78	98	88



OC Pesticides in Soil Our Reference: Your Reference	UNITS	25726-11 MSW COMP 11	25726-12 MSW COMP 12	25726-13 MSW COMP 13	25726-14 MSW COMP 14	25726-15 MSW COMP 15
HCB	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
alpha-BHC	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
gamma-BHC(Lindane)	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Heptachlor	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Aldrin	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
beta-BHC	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
delta-BHC	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Heptachlor Epoxide	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>o,p'</i> -DDE	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
alpha-Endosulfan	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>trans</i> -Chlordane	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>cis</i> -Chlordane	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>trans</i> -Nonachlor	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>p,p'</i> -DDE	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Dieldrin	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endrin	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>o,p'</i> -DDD	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>o,p'</i> -DDT	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
beta-Endosulfan	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>p,p'</i> -DDD	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>p,p'</i> -DDT	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endosulfan Sulphate	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endrin Aldehyde	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Methoxychlor	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endrin Ketone	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Surrogate	%	92	98	93	110	92



OC Pesticides in Soil Our Reference: Your Reference	UNITS ----- -----	25726-16 MSW COMP 16	25726-17 MSW COMP 17	25726-18 MSW COMP 18	25726-19 MSW COMP 19	25726-20 MSW COMP 20
HCB	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>alpha</i> -BHC	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>gamma</i> -BHC(Lindane)	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Heptachlor	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Aldrin	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>beta</i> -BHC	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>delta</i> -BHC	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Heptachlor Epoxide	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>o,p</i> '-DDE	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>alpha</i> -Endosulfan	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>trans</i> -Chlordane	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>cis</i> -Chlordane	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>trans</i> -Nonachlor	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>p,p</i> '-DDE	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Dieldrin	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endrin	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>o,p</i> '-DDD	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>o,p</i> '-DDT	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>beta</i> -Endosulfan	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>p,p</i> '-DDD	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>p,p</i> '-DDT	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endosulfan Sulphate	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endrin Aldehyde	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Methoxychlor	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endrin Ketone	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Surrogate	%	99	94	102	92	97



OC Pesticides in Soil Our Reference: Your Reference	UNITS ----- -----	25726-21 MSW COMP 21	25726-22 MSW COMP 22	25726-23 MSW COMP 23	25726-24 MSW COMP 24	25726-25 MSW COMP 25
HCB	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>alpha</i> -BHC	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>gamma</i> -BHC(Lindane)	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Heptachlor	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Aldrin	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>beta</i> -BHC	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>delta</i> -BHC	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Heptachlor Epoxide	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>o,p</i> '-DDE	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>alpha</i> -Endosulfan	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>trans</i> -Chlordane	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>cis</i> -Chlordane	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>trans</i> -Nonachlor	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>p,p</i> '-DDE	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Dieldrin	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endrin	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>o,p</i> '-DDD	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>o,p</i> '-DDT	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>beta</i> -Endosulfan	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>p,p</i> '-DDD	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
<i>p,p</i> '-DDT	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endosulfan Sulphate	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endrin Aldehyde	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Methoxychlor	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Endrin Ketone	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Surrogate	%	99	83	83	106	87



OC Pesticides in Soil Our Reference: Your Reference	UNITS	25726-31 MSW COMP QA1	25726-32 MSW COMP QA2
HCB	mg/kg	<0.10	<0.10
<i>alpha</i> -BHC	mg/kg	<0.10	<0.10
<i>gamma</i> -BHC(Lindane)	mg/kg	<0.10	<0.10
Heptachlor	mg/kg	<0.10	<0.10
Aldrin	mg/kg	<0.10	<0.10
<i>beta</i> -BHC	mg/kg	<0.10	<0.10
<i>delta</i> -BHC	mg/kg	<0.10	<0.10
Heptachlor Epoxide	mg/kg	<0.10	<0.10
<i>o,p'</i> -DDE	mg/kg	<0.10	<0.10
<i>alpha</i> -Endosulfan	mg/kg	<0.10	<0.10
<i>trans</i> -Chlordane	mg/kg	<0.10	<0.10
<i>cis</i> -Chlordane	mg/kg	<0.10	<0.10
<i>trans</i> -Nonachlor	mg/kg	<0.10	<0.10
<i>p,p'</i> -DDE	mg/kg	0.16	0.26
Dieldrin	mg/kg	<0.10	<0.10
Endrin	mg/kg	<0.10	<0.10
<i>o,p'</i> -DDD	mg/kg	<0.10	<0.10
<i>o,p'</i> -DDT	mg/kg	<0.10	<0.10
<i>beta</i> -Endosulfan	mg/kg	<0.10	<0.10
<i>p,p'</i> -DDD	mg/kg	<0.10	<0.10
<i>p,p'</i> -DDT	mg/kg	<0.10	<0.10
Endosulfan Sulphate	mg/kg	<0.10	<0.10
Endrin Aldehyde	mg/kg	<0.10	<0.10
Methoxychlor	mg/kg	<0.10	<0.10
Endrin Ketone	mg/kg	<0.10	<0.10
Surrogate	%	89	97



PAHs in Soil Our Reference: Your Reference	UNITS	25726-28 MSW 69	25726-29 MSW 71	25726-30 MSW 73
Naphthalene	mg/kg	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	<0.1	<0.1	<0.1
Acenaphthene	mg/kg	<0.1	<0.1	<0.1
Fluorene	mg/kg	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	<0.1	<0.1	0.1
Anthracene	mg/kg	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	<0.1	<0.1	0.2
Pyrene	mg/kg	<0.1	<0.1	0.3
Benzo[a]anthracene	mg/kg	<0.1	<0.1	0.1
Chrysene	mg/kg	<0.1	<0.1	0.1
Benzo[b,k]fluoranthene	mg/kg	<0.2	<0.2	0.3
Benzo[a]pyrene	mg/kg	<0.05	<0.05	0.1
Indeno[123-cd]pyrene	mg/kg	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	<0.1	<0.1	0.1
Total +ve PAH's	mg/kg	0.00	0.00	1.3
Surrogate	%	112	116	111



Moisture Our Reference: Your Reference	UNITS ----- -----	25726-1 MSW COMP 1	25726-2 MSW COMP 2	25726-3 MSW COMP 3	25726-4 MSW COMP 4	25726-5 MSW COMP 5
Moisture	%	7.1	8.1	6.0	9.2	3.2

Moisture Our Reference: Your Reference	UNITS ----- -----	25726-6 MSW COMP 6	25726-7 MSW COMP 7	25726-8 MSW COMP 8	25726-9 MSW COMP 9	25726-10 MSW COMP 10
Moisture	%	15	13	5.3	14	7.3

Moisture Our Reference: Your Reference	UNITS ----- -----	25726-11 MSW COMP 11	25726-12 MSW COMP 12	25726-13 MSW COMP 13	25726-14 MSW COMP 14	25726-15 MSW COMP 15
Moisture	%	4.9	49	20	17	7.8

Moisture Our Reference: Your Reference	UNITS ----- -----	25726-16 MSW COMP 16	25726-17 MSW COMP 17	25726-18 MSW COMP 18	25726-19 MSW COMP 19	25726-20 MSW COMP 20
Moisture	%	5.8	16	5.9	10	11

Moisture Our Reference: Your Reference	UNITS ----- -----	25726-21 MSW COMP 21	25726-22 MSW COMP 22	25726-23 MSW COMP 23	25726-24 MSW COMP 24	25726-25 MSW COMP 25
Moisture	%	5.3	8.2	4.1	1.8	22

Moisture Our Reference: Your Reference	UNITS ----- -----	25726-28 MSW 69	25726-29 MSW 71	25726-30 MSW 73	25726-31 MSW COMP QA1	25726-32 MSW COMP QA2
Moisture	%	9.6	7.3	7.1	7.4	7.1



POCAS and TPA Our Reference: Your Reference	UNITS ----- -----	25726-26 MSW 38	25726-27 MSW 48
POCAS		#	#



Metals in water Dissolved Our Reference: Your Reference	UNITS ----- -----	25726-33 RINSATE BLANK
Arsenic	mg/L	<0.001
Cadmium	mg/L	<0.006
Chromium	mg/L	<0.005
Copper	mg/L	<0.01
Lead	mg/L	<0.04
Mercury	mg/L	<0.0005
Nickel	mg/L	<0.004
Zinc	mg/L	0.06



Method ID	Methodology Summary
SEM-010	Metals - Determination of various metals by ICP following aqua regia digest.
SEM-005	Mercury - Determination of Mercury by Cold Vapour Generation Atomic Absorption Spectroscopy.
SEO-017	BTEX/TRH C6-C9 - Determination by Purge and Trap Gas Chromatography with Flame Ionisation Detection (FID) and Photo Ionisation Detection (PID). The surrogate spike used is $\alpha\alpha\alpha$ -trifluorotoluene.
SEO-020	TRH - Determination of Total Recoverable Hydrocarbons by gas chromatography following extraction with DCM/Acetone for solids and DCM for liquids.
SEO-005	OC/OP/PCB - Determination of a suite of Organochlorine Pesticides, Chlorinated Organo-phosphorus Pesticides and Polychlorinated Biphenyls (PCB's) by sonication extraction using dichloromethane for waters or acetone / hexane for soils followed by Gas Chromatographic separation with Electron Capture Detection (GC /ECD). The surrogate spike used is 2,4,5,6-Tetrachloro-m-xylene.
SEO-030	PAHs by GC/MS - Determination of Polynuclear Aromatic Hydrocarbons (PAH's) by Gas Chromatography / Mass Spectrometry following extraction with dichloromethane or dichloromethane/acetone. The surrogate spike used is p-Terphenyl-d14.
SEP-001	Air Dry - Cover air drying at 40 C, moisture content at 103 C - 105 C, wet slurrying, compositing and preparation of a 1:5 soil suspension.
Ext-002	Analysis subcontracted to SGS Environmental Cairns.
SEM-004	Arsenic - Determination of Arsenic by Continuous Hydride Generation Atomic Absorption Spectroscopy, in accordance with APHA 20th ED.



QUALITY CONTROL Acid Extractable Metals in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Arsenic	mg/kg	3	SEM-010	<3	25726-1	5 5 RPD: 0	25726-2	88 87 RPD: 1
Cadmium	mg/kg	0.5	SEM-010	<0.5	25726-1	<0.5 <0.5	25726-2	89 89 RPD: 0
Chromium	mg/kg	0.5	SEM-010	<0.5	25726-1	10 10 RPD: 0	25726-2	88 87 RPD: 1
Copper	mg/kg	0.5	SEM-010	<0.5	25726-1	10 11 RPD: 10	25726-2	90 90 RPD: 0
Lead	mg/kg	2	SEM-010	<2	25726-1	27 27 RPD: 0	25726-2	84 85 RPD: 1
Mercury	mg/kg	0.05	SEM-005	<0.05	25726-1	0.06 <0.05	25726-2	89 89 RPD: 0
Nickel	mg/kg	0.2	SEM-010	<0.2	25726-1	1 1 RPD: 0	25726-2	85 86 RPD: 1
Zinc	mg/kg	0.5	SEM-010	<0.5	25726-1	35 27 RPD: 26	25726-2	85 86 RPD: 1
QUALITY CONTROL Total Recoverable Hydrocarbons in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
TRH C ₆ - C ₉ P&T	mg/kg	20	SEO-017	<20	Nil Rep.	Nil Rep.	Batch	79 70 RPD: 12
TRH C ₁₀ - C ₁₄	mg/kg	20	SEO-020	<20	Nil Rep.	Nil Rep.	Batch	81 124 RPD: 42
TRH C ₁₅ - C ₂₈	mg/kg	50	SEO-020	<50	Nil Rep.	Nil Rep.	Batch	122 118 RPD: 3
TRH C ₂₉ - C ₃₆	mg/kg	50	SEO-020	<50	Nil Rep.	Nil Rep.	Batch	95 99 RPD: 4
QUALITY CONTROL BTEX in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Benzene	mg/kg	0.5	SEO-017	<0.50	Nil Rep.	Nil Rep.	Batch	81 74 RPD: 9
Toluene	mg/kg	0.5	SEO-017	<0.50	Nil Rep.	Nil Rep.	Batch	81 87 RPD: 7
Ethylbenzene	mg/kg	0.5	SEO-017	<0.50	Nil Rep.	Nil Rep.	Batch	77 80 RPD: 4
Total Xylenes	mg/kg	1.5	SEO-017	<1.5	Nil Rep.	Nil Rep.	Batch	84 81 RPD: 4
Surrogate	%		SEO-017	[NT]	Nil Rep.	Nil Rep.	Batch	71 64 RPD: 10
QUALITY CONTROL OC Pesticides in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
HCB	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
alpha-BHC	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
gamma-BHC(Lindane)	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
Heptachlor	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	85 77 RPD: 10
Aldrin	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	92 86 RPD: 7
beta-BHC	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
delta-BHC	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	92 87 RPD: 6
Heptachlor Epoxide	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
o,p'-DDE	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
alpha-Endosulfan	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
trans-Chlordane	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
cis-Chlordane	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
trans-Nonachlor	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike



QUALITY CONTROL OC Pesticides in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
p,p'-DDE	mg/kg	0.1	SEO-005	<0.10	25726-8	0.21 0.22 RPD: 5	25726-1	Nil Spike
Dieldrin	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	79 71 RPD: 11
Endrin	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
o,p'-DDD	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
o,p'-DDT	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
<i>beta</i> -Endosulfan	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
p,p'-DDD	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
p,p'-DDT	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	98 92 RPD: 6
Endosulfan Sulphate	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	85 80 RPD: 6
Endrin Aldehyde	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
Methoxychlor	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
Endrin Ketone	mg/kg	0.1	SEO-005	<0.10	25726-8	<0.10 <0.10	25726-1	Nil Spike
Surrogate	%		SEO-005	[NT]	25726-8	78 97 RPD: 22	25726-1	89 88 RPD: 1
QUALITY CONTROL PAHs in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Naphthalene	mg/kg	0.10	SEO-030	<0.1	Nil Rep.	Nil Rep.	Batch	106 104 RPD: 2
Acenaphthylene	mg/kg	0.10	SEO-030	<0.1	Nil Rep.	Nil Rep.	Batch	96 92 RPD: 4
Acenaphthene	mg/kg	0.10	SEO-030	<0.1	Nil Rep.	Nil Rep.	Batch	106 100 RPD: 6
Fluorene	mg/kg	0.10	SEO-030	<0.1	Nil Rep.	Nil Rep.	Batch	Nil Spike
Phenanthrene	mg/kg	0.10	SEO-030	<0.1	Nil Rep.	Nil Rep.	Batch	113 107 RPD: 5
Anthracene	mg/kg	0.10	SEO-030	<0.1	Nil Rep.	Nil Rep.	Batch	120 111 RPD: 8
Fluoranthene	mg/kg	0.10	SEO-030	<0.1	Nil Rep.	Nil Rep.	Batch	123 117 RPD: 5
Pyrene	mg/kg	0.10	SEO-030	<0.1	Nil Rep.	Nil Rep.	Batch	120 115 RPD: 4
Benzo[a]anthracene	mg/kg	0.10	SEO-030	<0.1	Nil Rep.	Nil Rep.	Batch	Nil Spike
Chrysene	mg/kg	0.10	SEO-030	<0.1	Nil Rep.	Nil Rep.	Batch	Nil Spike
Benzo[b,k]fluoranthene	mg/kg	0.20	SEO-030	<0.2	Nil Rep.	Nil Rep.	Batch	Nil Spike
Benzo[a]pyrene	mg/kg	0.050	SEO-030	<0.05	Nil Rep.	Nil Rep.	Batch	127 128 RPD: 1
Indeno[1,2,3- <i>cd</i>]pyrene	mg/kg	0.10	SEO-030	<0.1	Nil Rep.	Nil Rep.	Batch	Nil Spike
Dibenzo[ah]anthracene	mg/kg	0.10	SEO-030	<0.1	Nil Rep.	Nil Rep.	Batch	Nil Spike
Benzo[ghi]perylene	mg/kg	0.10	SEO-030	<0.1	Nil Rep.	Nil Rep.	Batch	Nil Spike
Total +ve PAH's	mg/kg	0	SEO-030	0.00	Nil Rep.	Nil Rep.	Batch	Nil Spike
Surrogate	%		SEO-030	[NT]	Nil Rep.	Nil Rep.	Batch	112 106 RPD: 6



QUALITY CONTROL Moisture	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD		
Moisture	%		SEP-001	[NT]	25726-8	5.3 5.3 RPD: 0		
QUALITY CONTROL POCAS and TPA	UNITS	PQL	METHOD	Blank				
POCAS		#	Ext-002	0.00				
QUALITY CONTROL Metals in water Dissolved	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Arsenic	mg/L	0.001	SEM-004	<0.001	Nil Rep.	Nil Rep.	Blank	113 116 RPD: 3
Cadmium	mg/L	0.006	SEM-010	<0.006	Nil Rep.	Nil Rep.	Blank	116 118 RPD: 2
Chromium	mg/L	0.005	SEM-010	<0.005	Nil Rep.	Nil Rep.	Blank	109 110 RPD: 1
Copper	mg/L	0.01	SEM-010	<0.01	Nil Rep.	Nil Rep.	Blank	107 108 RPD: 1
Lead	mg/L	0.04	SEM-010	<0.04	Nil Rep.	Nil Rep.	Blank	110 112 RPD: 2
Mercury	mg/L	0.0005	SEM-005	<0.0005	Nil Rep.	Nil Rep.	Blank	98 100 RPD: 2
Nickel	mg/L	0.004	SEM-010	<0.004	Nil Rep.	Nil Rep.	Blank	112 113 RPD: 1
Zinc	mg/L	0.005	SEM-010	<0.005	Nil Rep.	Nil Rep.	Blank	115 117 RPD: 2
QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD					
HCB	mg/kg	25726-32	<0.10 <0.10					
<i>alpha</i> -BHC	mg/kg	25726-32	<0.10 <0.10					
<i>gamma</i> -BHC(Lindane)	mg/kg	25726-32	<0.10 <0.10					
Heptachlor	mg/kg	25726-32	<0.10 <0.10					
Aldrin	mg/kg	25726-32	<0.10 <0.10					
<i>beta</i> -BHC	mg/kg	25726-32	<0.10 <0.10					
<i>delta</i> -BHC	mg/kg	25726-32	<0.10 <0.10					
Heptachlor Epoxide	mg/kg	25726-32	<0.10 <0.10					
<i>o,p'</i> -DDE	mg/kg	25726-32	<0.10 <0.10					
<i>alpha</i> -Endosulfan	mg/kg	25726-32	<0.10 <0.10					
<i>trans</i> -Chlordane	mg/kg	25726-32	<0.10 <0.10					
<i>cis</i> -Chlordane	mg/kg	25726-32	<0.10 <0.10					
<i>trans</i> -Nonachlor	mg/kg	25726-32	<0.10 <0.10					
<i>p,p'</i> -DDE	mg/kg	25726-32	0.26 0.27 RPD: 4					
Dieldrin	mg/kg	25726-32	<0.10 <0.10					
Endrin	mg/kg	25726-32	<0.10 <0.10					
<i>o,p'</i> -DDD	mg/kg	25726-32	<0.10 <0.10					
<i>o,p'</i> -DDT	mg/kg	25726-32	<0.10 <0.10					
<i>beta</i> -Endosulfan	mg/kg	25726-32	<0.10 <0.10					
<i>p,p'</i> -DDD	mg/kg	25726-32	<0.10 <0.10					



QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
<i>p,p'</i> -DDT	mg/kg	25726-32	<0.10 <0.10
Endosulfan Sulphate	mg/kg	25726-32	<0.10 <0.10
Endrin Aldehyde	mg/kg	25726-32	<0.10 <0.10
Methoxychlor	mg/kg	25726-32	<0.10 <0.10
Endrin Ketone	mg/kg	25726-32	<0.10 <0.10
<i>Surrogate</i>	%	25726-32	97 62 RPD: 44
QUALITY CONTROL Moisture	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Moisture	%	25726-32	7.1 7.1 RPD: 0



Result Codes

[INS]	: Insufficient Sample for this test	[HBG]	: Results not Reported due to High Background Interference
[NR]	: Not Requested	*	: Not part of NATA Registration
[NT]	: Not tested	[N/A]	: Not Applicable

Result Comments

Date Organics extraction commenced: 12/11/03

NATA Accreditation No. 2562

The methods detailed in this report have been validated. Analysis and QA/QC is in accordance with Schedule B(3) NEPM Guideline on Laboratory Analysis of Potentially Contaminated Soils - 1999.

Quality Control Protocol

Reagent Blank: Sample free reagents carried through the preparation/extraction/digestion procedure and analysed at the beginning of every sample batch analysis. For larger projects, a reagent blank is prepared and analysed with every 20 samples.

Duplicate: A separate portion of a sample being analysed which is treated the same as the other samples in the batch. A duplicate is prepared at least every 20 samples.

Matrix Spike Duplicates: Sample replicates spiked with identical concentrations of target analyte(s). The spiking occurs during the sample preparation and prior to the extraction/digestion procedure. They are used to document the precision and bias of a method in a given sample matrix. Where there is not enough sample available to prepare a spiked sample, another known soil/sand or water (or Milli-Q water) may be used. A duplicate spiked sample is prepared at least every 20 samples.

Surrogate Spike: Added to all samples requiring analysis for organics (where relevant) prior to extraction. Used to determine the extraction efficiency. They are organic compounds which are similar to the target analyte(s) in chemical composition and behaviour in the analytical process, but which are not normally found in environmental samples.

Internal Standard: Added to all samples requiring analysis for organics (where relevant) after the extraction process; the compounds serve to give a standard of retention time and response, which is invariant from run-to-run with the instruments.

Control Standards: Prepared from a source independent of the calibration standards. At least one control standard is included in each run to confirm calibration validity.

Additional QC Samples: A calibration standard and blank are run after every 20 samples of an instrumental analysis run to assess analytical drift.



Environmental Audits of Australia
13 Dakine St
North Parramatta
NSW 2151

WESLEYAN DEPARTMENTS

HEAVY METALS USEPA 6010B (ICP), 7470/1 (CVAA)				
Sample Lab. No.	COMPQA4 NO0763	Meth. Bl. (mg/l)	SPIKE	% REC
Arsenic	<0.5	<0.02	7.4	77%
Cadmium	14	<0.05	1.4	101%
Chromium	19	<0.05	1.9	112%
Copper	64	<0.05	6.4	100%
Lead	<0.1	<0.001	0.1	80%
Mercury	<5	<0.05	0.5	96%
Nickel	68	<0.05	6.8	97%
Zinc				

Extraction with H₂O₂, HNO₃ & HCl. Results in ppm (soils mg/kg dry, waters mg/l).

$\text{KNO}_3 + \text{HCl}$: Results in ppm (soils mg/kg dry, waters mg/l).

Date received 11/11/03

Environmental Audits of Australia
 13 Dakin St
 North Parramatta
 NSW 2151

Site : MERITON APARTMENTS

ORGANOCHLORINE PESTICIDES US EPA SW846 METHOD 8081A.

Sample	COMPOUNDS	Meth. Bl. (mg/l)	SPIKE	% REC
Lab. No.				
Aldrin	<0.05	<0.005	95%	
alpha-BHC	<0.05	<0.005	97%	
beta-BHC	<0.05	<0.005	125%	
delta-BHC	<0.05	<0.005	107%	
Lindane	<0.05	<0.005	94%	
Chlordane	<0.1	<0.01		
9,4'-DDD	<0.05	<0.005	110%	
9,4'-DDE	0.19	<0.005	108%	
4,4'-DDT	<0.05	<0.005	117%	
Dieldrin	<0.05	<0.005	107%	
Endosulfan I	<0.05	<0.005	101%	
Endosulfan II	<0.05	<0.005	110%	
Endosulfan Sulphate	<0.05	<0.005	112%	
Endrin	<0.05	<0.005	110%	
Endrin Aldheyde	<0.05	<0.005	96%	
Endrin Ketone	<0.05	<0.005		

Results in ppm (soils mg/kg dry, waters mg/l). Extraction MGT 300A soils, US EPA 3510 waters.

Date received 11/11/03

Environmental Audits of Australia
13 Dakring St
North Parramatta
NSW 2151

Site : MERITON APARTMENTS

ORGANOCHLORINE PESTICIDES USE EPA SN 84-5 METHOD 8081A

Date received 11/11/03



Environmental
Services

CHAIN OF CUSTODY & ANALYSIS REQUEST

Chain of Custody Number:

Botany Industrial Park
330-3 Denison Street
Marrickville NSW 2036
Telephone No: 02 9888 1428
Facsimile No: 02 9888 1364

Company Name:	Environmental Architects of Australia			Project Name/Star:	Meriton Apartments Warriewood	
Address:	13 Oaking St NORTH PARRAMATTA NSW 2151			Purchase Order No.:		
Contact Name:	Matt Parkinson			Results Required By:	14/11/103	
	PO BOX 687 PARRAMATTA 2124			Telephone:	0414 923 375	
				Fax/Email:	9225 7111	

Page 8 of 8

Page _____ of _____

Company Name:	Environmental Auxills of Australia		
Address:	13 Oakling St	Project Number:	No:
Contact Name:	Matt Parkinson	Purchase Order No.:	
	NORTH PARRAMATTA NSW 2151	Results Required By:	
	PO BOX 687 PARRAMATTA 2124	Telephone:	
		Fax/Email:	

Client Sample ID	Lab Sample ID	Sample Type	Sample Description	Received By:	Date/Time	Comments:
	MSW COMP QA4	WATER		Alice	10/11/03 9:15	
		SOIL				
		BTX				
		TPH				
		PAH				
		TOTAL PHENOLICS				
		METALS	AS, Cd, Cr, Cu, Pb, Hg, Ni, Zn			

Send report & invoice to EA

Laboratory Quotation No: 167687

બાળ પ્રાણી જીવનિ / ના.

Temperature: AMBIENT / CHILLED

Date/time: _____

Received By:

Date/Time: 10/11/03
Inquisited By: HHS

Received By: ✓ M

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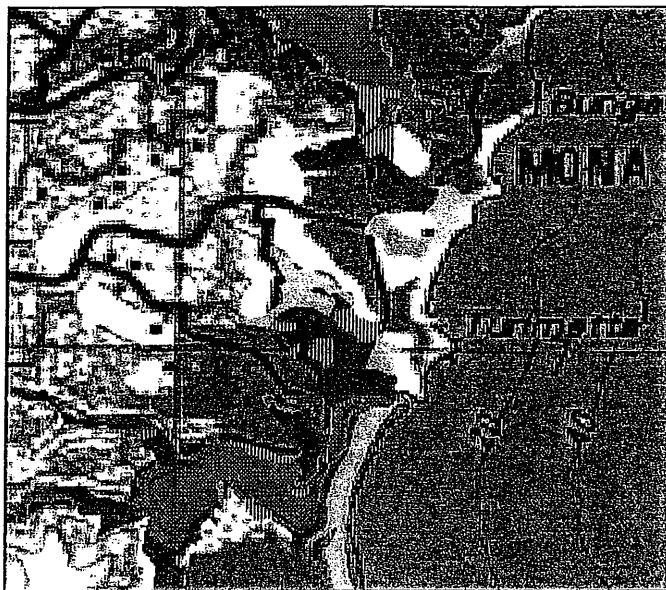
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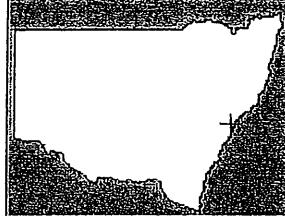
100


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- Click **Add map layers** to find more data for your map
- Click a layer name to view its details
- Click the symbols for more help

Define map area**Quick locator**

Click & Drag on the map below to select a region

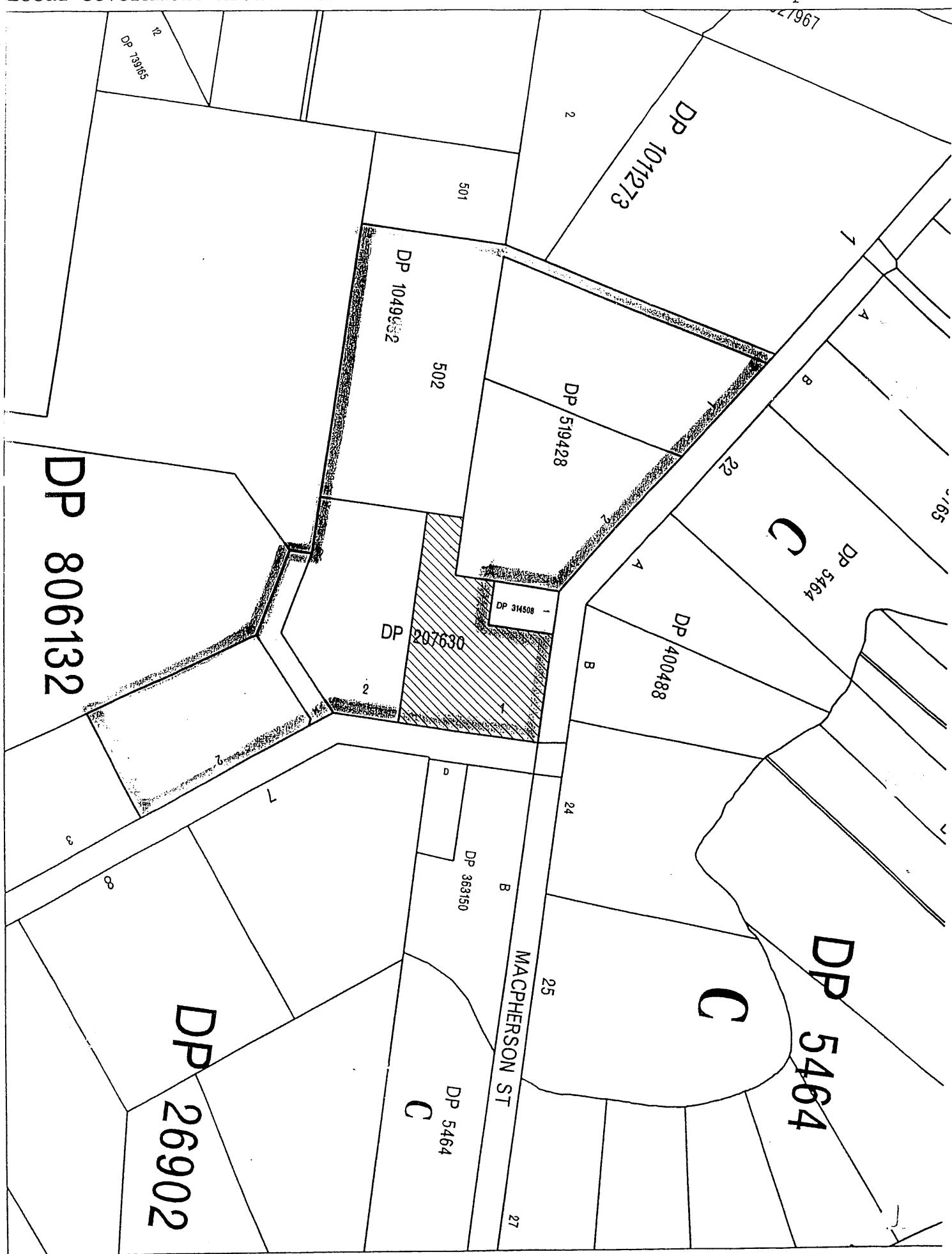
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Map Layers

	High risk at surface
	High risk < 1 meter below surface
	High risk 1 - 3 meter below surface
	High risk > 3 metres below surface
	High risk Bottom Sediments
	Low risk at surface
	Low risk < 1 meter below surface
	Low risk 1 - 3 meter below surface
	Low risk > 3 metres below surface
	Low risk Bottom Sediments
	Disturbed Land
	Polygons
	Ac
	Polylines
	La
	Ri
	Ri
	Lc
	Ce
	Nz
	La (200)
	Tc

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APPENDIX C
Copies of Historical Title Deeds

DEPARTMENT OF LANDS Client: planroom
Enquiry Parcel: Lot 1 in DP207630
Locality: WARRIEWOOD Co: CUMBERLAND Ph: NARRABEEN
Local Government Area: PITTWATER - Date: 20-OCT-03 - Time: 12:18pm



- Search -

Lot 502 DP 1049982

Folio created 7/3/02



Vol 15024 Fol 227



Issued 6/4/83

title Lot 14 DP 26902

Excluded from Auto

Vol 11659 Fol 250



Issued 3/9/71

Serial 15024 - 227

7/3/03

Vol 8497 Fol 154



Dated 5/5/64

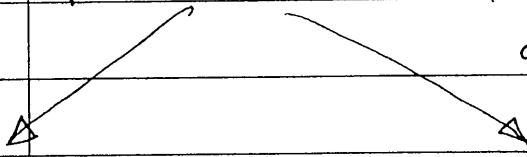
Vol 8062 Fol 130



Dated 15/12/60

Vol 7208 Fols 213 & 214 (1/2 share)

Dated 14/5/57



Vol 7213 Fol 110
dated 26/11/56

Vol 6750 Fol 224
dated 4/12/53

(Title for Lot 14)
DP 26902

Vol 2008 Fol 168

↓ dated 20/10/09

Vol 4670 Fol 108

↓ dated 25/1/09
1/2 share

Vol 1435 Fol 210

dated 10/11/1902

Crown Grant

Vol 3891 Fol 143

↓ dated
24/7/1

Vol 2045 Fol 47

See Search of

lots 1 & 2 DP 51945

Jenners

Jenners Title Searching

No. B27

Search certified to:

21/10/2003 10:54 AM

COMPUTER FOLIO REFERENCE	
502/1049982	
EDITION No. & DATE OF CURRENT CERTIFICATE OF TITLE	
2	30/4/2003

Page 1

LAND

LOT 502 IN DEPOSITED PLAN 1049982

AT WARRIEWOOD

LOCAL GOVERNMENT AREA: PITTWATER

PARISH OF NARRABEEN COUNTY OF CUMBERLAND

TITLE DIAGRAM: DP1049982

FIRST SCHEDULE

MERITON PROPERTY MANAGEMENT PTY LIMITED

(T 9562577)

SECOND SCHEDULE (3 NOTIFICATIONS)

1. LAND EXCLUDES MINERALS WITHIN THE PART SHOWN SO INDICATED IN THE TITLE DIAGRAM AND IS SUBJECT TO RESERVATIONS AND CONDITIONS IN FAVOUR OF THE CROWN - SEE CROWN GRANT
2. G1916 COVENANT
3. DP1049982 RIGHT OF CARRIAGEWAY 8.15 METRE(S) WIDE AND VARIABLE AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM

NOTATIONS

DP637078 NOTE: PLAN OF PROPOSED EASEMENT FOR WATERMAIN AFFECTING THE PART LOT 5 IN DP806132

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

doccop7

PRINTED ON 21/10/2003

B27

Registrar General certifies that at the date and time specified above the person(s) described in the First Schedule the registered proprietor of an estate in fee simple (or other such estate or interest set out in the Schedule) in land described, subject to any exceptions, encumbrances, interests, and entries which appear in the Second Schedule.

ENTRIES PRECEDED BY AN ASTERISK DO NOT APPEAR ON THE CURRENT EDITION OF THE CERTIFICATE OF TITLE

THE INFORMATION APPEARING UNDER NOTATIONS HAS NOT BEEN FORMALIZED OR RECORDED IN THE REGISTER



HISTORICAL TITLE SEARCH

Certificate issued under Section 96G
of the Real Property Act 1900

No. B27

Search certified to: 22/10/2003 3:33PM

Computer Folio Reference: 502/1049982

Page 1

First Title(s): OLD SYSTEM

Prior Title(s): VOL 15024 FOL 227

Recorded	Number	Type of Instrument	C.T. Issue
7/3/2003	DP1049982	DEPOSITED PLAN	FOLIO CREATED
30/4/2003	9562576	WITHDRAWAL OF CAVEAT	EDITION 1
30/4/2003	9562577	TRANSFER <i>see copy of title</i>	EDITION 2

*** END OF SEARCH ***

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PRINTED ON 22/10/2003 B27

The Registrar General certifies that at the date and time specified above the information set out in this search constitutes the historical record of all dealings recorded in or action taken in respect of the mentioned title which is required to be kept by the Registrar General under section 32(7) of the Real Property Act 1900.



No. B27

Search certified to: 27/10/2003 12:30PM

Computer Folio Reference: AUTO CONSOL 15024-227

Page 1

Recorded	Number	Type of Instrument	C.T. Issue
-----	-----	-----	-----
30/10/1992		CONSOL HISTORY RECORD CREATED FOR AUTO CONSOL 15024-227	

PARCELS IN CONSOL ARE:

14/26902, B/384388, 1/455044.

12/5/1994	U249983	DEPARTMENTAL DEALING
16/12/1996	2692578	DEPARTMENTAL DEALING
19/3/1997	2909981	DEPARTMENTAL DEALING
18/8/2000	7031405	1/455044 EXCISED
21/8/2000	7033207	5/806132 ADDED
10/10/2002	9021324	CAVEAT
7/3/2003	9433022	14/26902 EXCISED
7/3/2003	DP1049982	DEPOSITED PLAN

FOLIO CANCELLED

*** END OF SEARCH ***

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PRINTED ON 27/10/2003 B27

The Registrar General certifies that at the date and time specified above the information set out in this search constitutes the historical record of all dealings recorded in or action taken in respect of the mentioned title which is required to be kept by the Registrar General under section 32(7) of the Real Property Act 1900.



Registrar General

227

NEW SOUTH WALES

STATE OF TITLE

15024227

PROPS. ACT. 1900

Vol. 15024 Fol. 227

First Titles: Old System
Vol. 421 Fol. 103612
Vol. 1435 Fol. 21674

Prior Title: Vol. 11859 Fol. 260

EDITION
ISSUED 8 4 1983

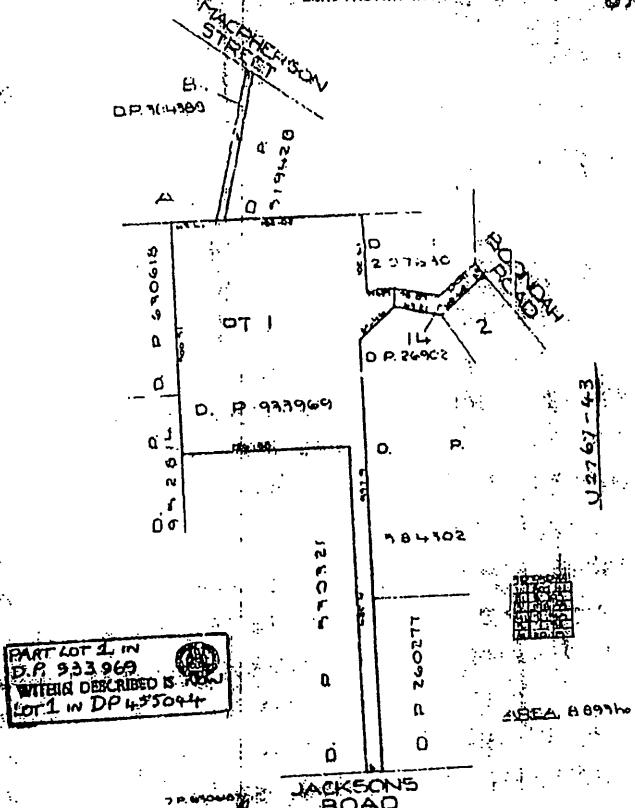
I certify that the person named in the First Schedule is the registered proprietor of an estate in fee simple (or such other estate or interest as is set out below) in the land described subject to the recordings appearing in the Second Schedule, subject to the provisions of the Real Property Act, 1900.

227
REGISTRAR GENERALCANCELLED

SEE AUTO FOLIO

PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METRES

LAND REFERRED TO

Lot 1 in Deposited Plan 384388, Lot 1A in Deposited Plan 26902 and part of Lot 1 in Deposited Plan 933969 at Warriewood in the Shire of Harrington Parish in Narrabeen mid County of Cumberland.

FIRST SCHEDULE

WARRIEWOOD VALLEY PTY. LIMITED

SECOND SCHEDULE

Land excludes minerals for Portions 2 and 97 and is subject to reservations and conditions in favour of the Crown - see Crown Grant.
The registered proprietor holds subject to section 604 Local Government Act, 1919 as regards the part of the land above described being Lot 14 in Deposited Plan 26902.
Covenant affecting the part of the land above described being Lot 3 in Deposited Plan 384388 and the part of Lot 1 in Deposited Plan 933969.

FIRST SCHEDULE (continued)
REGISTERED PROPRIETOR**CANCELLED**

SEE AUTO FOLIO

SECOND SCHEDULE (continued)

PARTICULARS

Registrar General CANCELLATION

NOTATIONS AND UNREGISTERED DEALINGS

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED

P
D
P
on
Acquisition

NEW SOUTH WALES

STATEMENT OF TITLE

PROPERTY ACT, 1900, as amended.

Appn. No. 6845 (part)

Prior Title Vol. 8497 Pol. 154



Vol. 11639 Pol. 2604

Edition issued 3-9-1971

M258851

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions circumstances and interests as are shown in the Second Schedule.

Witness *G Barnes*

Jantzen
Registrar General.



ESTATE AND LAND REFERRED TO

Estate in Fee Simple in FIRSTLY Lot B in plan lodged with Transfer No. F879485 (filed as F.P.384388), the land shown in plan lodged with Transfer No. A228767 (filed as F.P.952814) being the part of Portion 94 shown in the plan heron and Lot 14 in Deposited Plan 26902 at Narrabeen in the Shire of Warringah Parish of Narrabeen and County of Cumberland being part of Portion 12 granted to James Jenkins on 19-10-1831, part of Portion 2 granted by Crown Grant Volume 42 Folio 235 and part of Portion 94 granted by Crown Grant Volume 1461 Folio 195. SECONDELY the part of Portion 97 shown in the plan heron situated as aforesaid and granted by Crown Grant Volume 1461 Folio 210. EXCEPTING THEREOUT the minerals reserved by the Crown Grants of Portions 2, 94 and 97.

FIRST SCHEDULE

HARG PROPERTIES LTD., LIMITED.

Jantzen

Registrar General.

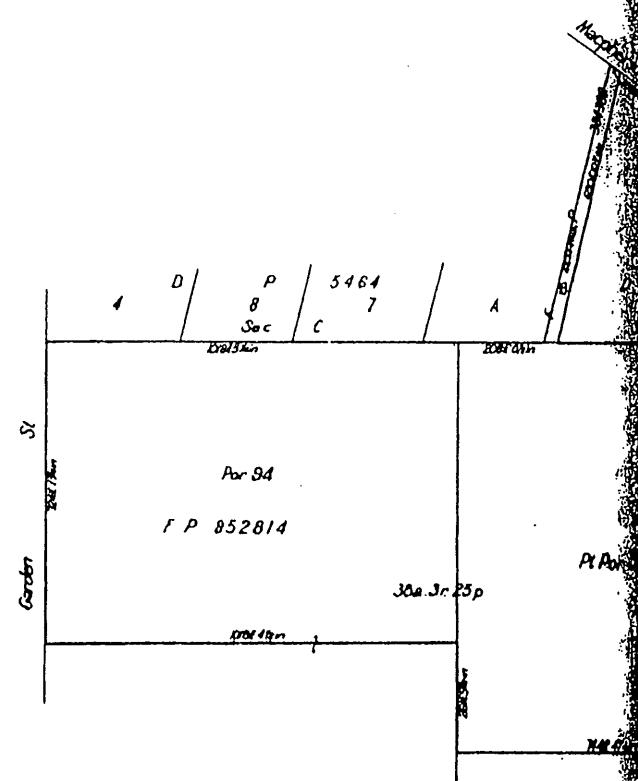
SECOND SCHEDULE

1. Reservations and conditions, if any, contained in the Crown Grants above referred to.
2. The registered proprietor holds subject to Section 604 of the Local Government Act, 1919 as regards Lot 14 in Deposited Plan 26902.
3. Covenant created by Transfer No. G1916 affecting Lot B in F.P.384388 and the part of Portion 97 shown in the plan heron.
4. Mortgage No. L656357 to General Credits (Finance) Pty. Ltd. Entered 9-12-1969. Discharged NL741.

Jantzen

Registrar General.

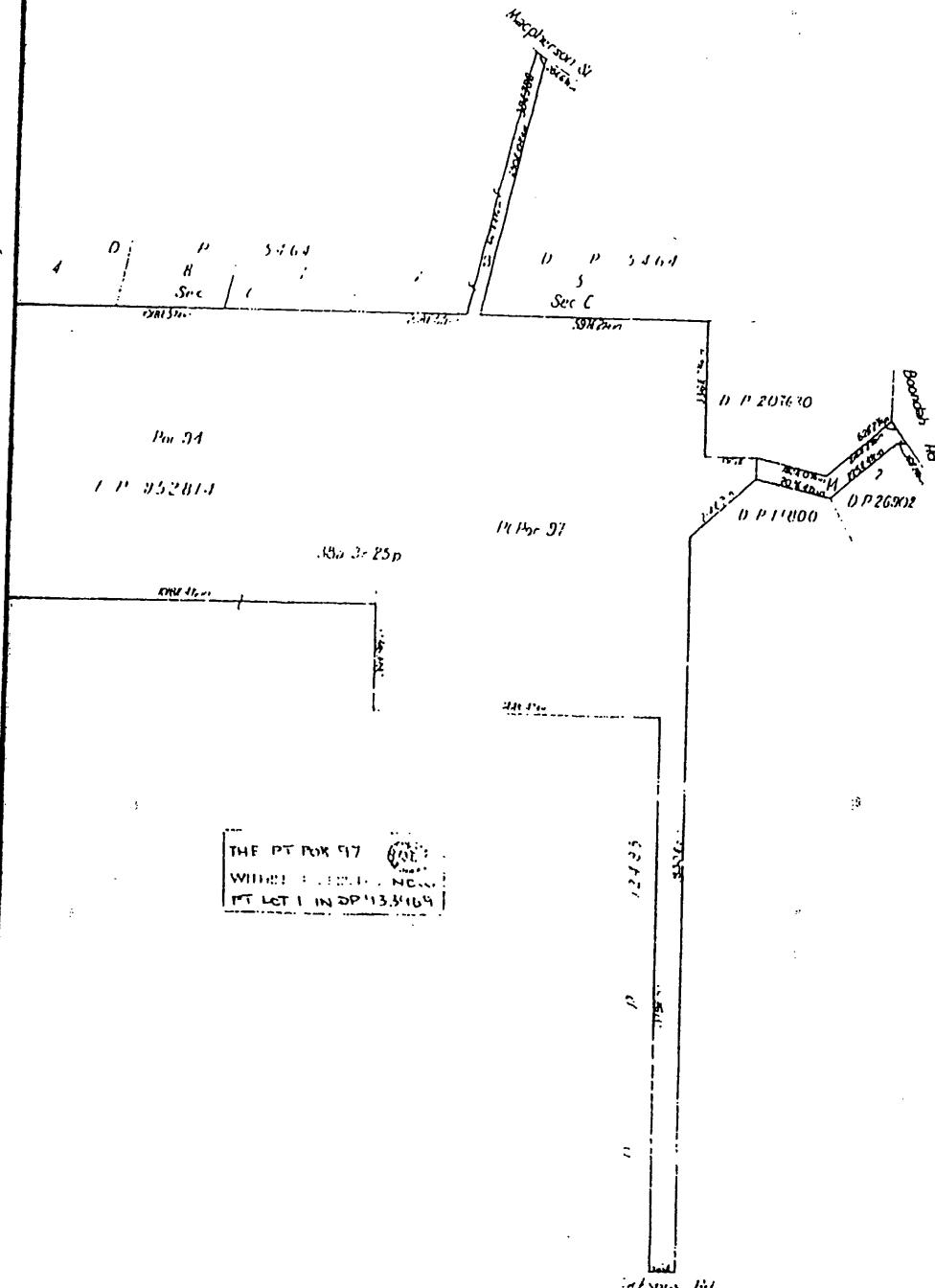
PLAN SHOWING LOCATION



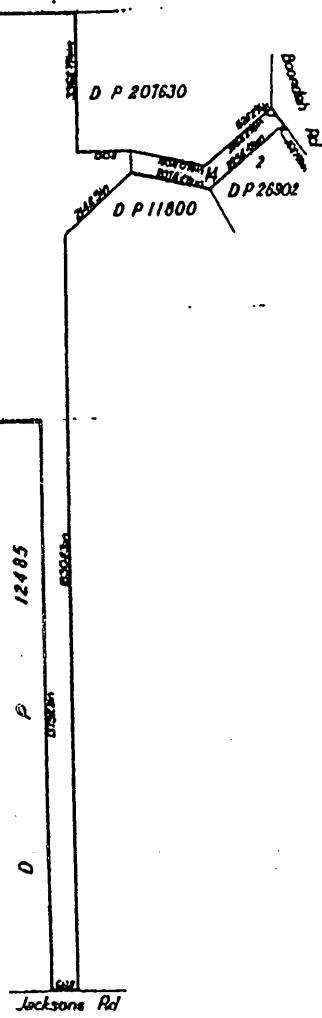
THE PT FOR 97
WITHIN DESCRIBED IS NOW
PT LOT 1 IN DP. 933969

Vol. 11659 Fol. 250

PLAN SHOWING LOCATION OF LAND



5464



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Batemans Bay 1:250,000

REVIEW

संग्रहीत

SECURE SORRY (continued)						
INSTRUMENT NUMBER	DATE	PARTICULARS	ENTERED	Signature of Register General	CANCELLATION	
10/9/69/9 7332358	7-5-1971	To D.L. A. Roy, Deponent	14-10-1971	<u>Discharged</u>	N 412 Q	<u>1</u>
10/9/69/9 7332359	8-6-1971	To D.L. A. Roy, Deponent	20-7-1971	<u>Recharged</u>	S 1701?	<u>2</u>
D.P. 6306/15 0399943	21-2-1983	In respect of Estate, Pursuant to s.5 Section 87A Conveyancing Act 1925. by a registration of Deputed Plan, 6/5/6/18	20-3-1977	<u>Withdrew</u>	S 1701	
			21-2-1983	<u>Renew</u>		
				<u>Whole</u>		
				Partly		
				Certificates of Title have issued on 6-4-83		
				for lots in deposited Plan No. 6306/18 as follows:-		
				Lots 1-2 v/s 15024 fol 285/29 respectively.		
				lot B Vol 14244 Fol 807		
				<u>Renew</u>		
						REGISTRAR GENERAL

Primary Application No. 6845 (as to part)

NEW SOUTH WALES

(CERTIFICATE OF TITLE)

Reference to Last Title
V.L. 8052 P.L. 130

CANCELLED [W]

REGISTER BOOK

VOL 8487 FOL 154

MA Issued on Transfer No. J383487

BRIDGE

BRIDGE ACCEPTANCE PAY LIMITED, is now the proprietor of an Estate in Fee Simple, subject nevertheless to the reservations and conditions, if any, contained in the Grant hereinafter referred to and also subject to such encumbrances, Liens and interests as are notified herein in FIRSTLY That piece of land at Harrisson in the Shire of Warragah Parish of Karrabean and County of Cumberland being lots 8 and 10 in plan lodged with Transfer No. D902685, lot 8 in plan lodged with Transfer No. P79485, lot 26 of Section C in Deposited Plan No. 26902 and being part of Portion 12 granted in J. Ross Jenkins on 19th December 1831, part of Portion 2 granted on 19th February 1862 by Crown Grant Volume 42 Folio 235 and part of Portion 16 granted on 1st February 1901 by Crown Grant Volume 1512 Folio 35.

SECONDLY that piece of land situated as aforesaid being part of Portion 24 granted on 10th November 1902 by Crown Grant Volume 1435 Folio 210.

THIRDLY that piece of land situated as aforesaid being part of Portion 24 granted on 6th March 1903 by Crown Grant Volume 1461 Folio 195... which said pieces of land are shown in the plan herein.

EXCEPT FINALLY THEREFROM the minables reserved by the Crown Grants of Portions 2, 94, 96 and 97.

In witness whereof I have herein signed my name and affixed my Seal, this Fifth day of May 1964.

Sign in the presence of *J. Watson*

J. Watson
Registrar General



NOTIFICATION REFERRED TO

The registered proprietor holds subject to Section 69A of the Local Government Act 1919 as regards lot B in plan lodged with Transfer No. D902685 and lots 8, 10, 12, 11 and 14 in Deposited Plan No. 26902.

J. Watson
Registrar General



Assent for drainage created by the registration of Deposited Plan No. 26902 affecting the piece of land designated (A) in the plan herein.

J. Watson
Registrar General



Assent granted by Transfer No. 1464 effecting Lot B in plan lodged with Transfer No. P37482 and the land so far as above described.

J. Watson
Registrar General



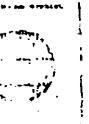
Assent for drainage created by Deposited Nos. 6587248, C554615 and 6600378 affecting the pieces of land designated (A), (B) and (D) respectively in the plan herein.

J. Watson
Registrar General



Assent granted by Transfer No. 1464 effecting Lots A and B in plan lodged with Transfer No. P37482 and the land so far as above described.

J. Watson



See TRANSFER NO. L 656357 dated 20th November 1964
in respect of part of lot under Mortgage No. T 383487
Entered 4th December 1964

J. Watson
REGISTRAR GENERAL



No. L 656357 MORTGAGE dated 20th November 1964
by General Credit (Finance) Pty Ltd

Entered 9th December 1964

J. Watson
REGISTRAR GENERAL



MORTGAGE NO. L 656357 dated 20th November 1964
by General Credit (Finance) Pty Ltd
Entered 9th December 1964

J. Watson
REGISTRAR GENERAL



No. L 656357 TRANSFER dated 20th November 1964
to Hargrave Water Storage and Drainage Board
of Section C in Deposited Plan No. 26902, Land so far as above
described in Deposited Plan No. 26902 and lots A, B and C in plan
lodged with Transfer No. P37482 of the land so far as above described.

J. Watson
REGISTRAR GENERAL



BRIDGE ACCEPTANCE PTY LIMITED, is now the proprietor of an Estate in Fee Simple, subject nevertheless to the reservations and conditions, if any, contained in the Grant hereinbefore referred to and also subject to such encumbrances, liens and interests as are specified herein in FULLY. That piece of land situate in the Shire of Warrington Parish of Narrabeen and County of Cumberland being Lots 8 and 11 in plan lodged with Transfer No. D902685, Lot 8 in plan lodged with Transfer No. P879485, Lot 26 of Section C in Deposited Plan No. 5664 and Lots 7, 8, 12, 13 and 14 in Deposited Plan No. 26902 and being part of Portion 12 granted to James Jenkins on 13th December 1831, part of Portion 12 granted on 19th February 1867 by Crown Grant Volume 42 Folio 235 and part of Portion 26 granted on 3rd February 1897 by Crown Grant Volume 1512 Folio 35.

SECONDLY that piece of land situated as aforesaid being part of Portion 97 granted on 10th November 1902 by Crown Grant Volume 1435 Folio 220.

THIRDLY that piece of land situated as aforesaid being part of Portion 94 granted on 6th March 1903 by Crown Grant Volume 1461 Folio 195. Which said pieces of land are shown in the plan hereon.

EXCEPTING THEREFROM the minerals reserved by the Crown Grants of Portions 2, 94, 96 and 97.

In witness whereof I have hereunto signed my name and affixed my Seal, this Fifth

day of May 1964

Signed in the presence of *J. A. MacLellan*

J. A. MacLellan

Registrar General

NOTIFICATION REFERRED TO

The registered proprietor holds subject to Section 1904 of the Local Government Act 1919 as regards Lot 8 in plan lodged with Transfer No. D902685 and lots 7, 8, 12, 13 and 14 in Deposited Plan No. 26902.

J. A. MacLellan

Registrar General

Basement for drainage created by the registration of Deposited Plan No. 26902 affecting the piece of land designated (1) in the plan hereon.

J. A. MacLellan

Registrar General

Covenant created by Transfer No. G1916 affecting Lot 8 in plan lodged with Transfer No. P879485 and the land recently above described.

J. A. MacLellan

Registrar General

Basements for drainage created by transfers Nos. G5147248, G504125 and G669278 affecting the piece of land designated (2), (2) and (2) respectively in the plan hereon.

J. A. MacLellan

Registrar General

TESTIMONY
I do hereby declare that
the instrumentality of the
Company of Bankers Ltd.

dated May 1964

J. A. MacLellan



J. A. MacLellan
10/5/64
Heig Properties Pty Limited is

now the registered proprietor of the land within described
See TRANSFER NO. L 656356 dated 20th November 1963
in exercise of power under Mortgage No. T 12182
Entered 9th December 1963

J. A. MacLellan
REGISTRAR GENERAL

No. 1618357 MORTGAGE dated 20th November 1963
by General Credit (Finance) Pty Ltd

Entered 9th December 1963

J. A. MacLellan
REGISTRAR GENERAL

MORTGAGE NO. 1606357
See T 12182 Entered 12/12/63

No. 1606357 TRANSFER dated 12/12/63
to Metaphor Water Sewerage and Drainage Company
Section 1904 of the Local Government Act 1919
is registered Plan 26902 and lots 8 and 14 in plan
lodged D902685 of the land hereinabove

Entered 12th May 1964

REGISTRAR GENERAL



CANCELLED [W]

REGISTER BOOK

VOL 8437 FOL 154

MA Issued on Transfer No. 1383487

BRIDGE ACCEPTANCE PTY. LIMITED, is now the proprietor of an Estate in Fee Simple, subject nevertheless to the reservations and conditions, if any, contained in the Grant hereinafter referred to and also subject to such encumbrances, liens and interests as are notified herein. In FIRSTLY That piece of land situate in the Shire of Warringah Parish of Narrabeen and County of Cumberland being lots 8 and 9 in plan lodged with Transfer No. D902685, Lot 8 in plan lodged with Transfer No. E879485, Lots 25 of Section C in Deposited Plan No. 5464 and Lots 7, 8, 12, 13 and 14 in Deposited Plan No. 26902 and being part of Portion 12 granted to James Jenkins on 19th December 1831, part of Portion 2 granted on 19th February 1867 by Crown Grant Volume 42 Folio 226 and part of Portion 96 granted on 3rd February 1903 by Crown Grant Volume 1512 Folio 35.

SECONDLY that piece of land situated as aforesaid being part of Portion 97 granted on 10th November 1902 by Crown Grant Volume 1435 Folio 210.

THIRDLY that piece of land situated as aforesaid being part of Portion 94 granted on 6th March 1903 by Crown Grant Volume 1461 Folio 195. Which said pieces of land are shown in the plan herein.

EXCEPTING THEREFROM the minerals reserved by the Crown Grants of Portions 2, 94, 96 and 97.

In witness whereof I have hereunto signed my name and affixed my Seal, this Fifth

day of May 1964.

Signed in the presence of *J. A. Jackson*

NOTIFICATION REFERRED TO

The registered proprietor holds subject to Section 60A of the Local Government Act 1919 as regards Lot 8 in plan lodged with Transfer No. D902685 and Lots 7, 8, 12, 13 and 14 in Deposited Plan No. 26902.

J. A. Jackson
Registrar General



Reservent for drainage created by the registration of Deposited Plan No. 26902 affecting the piece of land designated (1) in the plan herein.

J. A. Jackson
Registrar General



Covenant created by Transfer No. G1916 affecting Lot 8 in plan lodged with Transfer No. E879485 and the land secondly above described.

J. A. Jackson
Registrar General



Reservent for drainage created by transfers Nos. G51728, G594415 and G600378 affecting the pieces of land designated (2), (C) and (D) respectively in the plan herein.

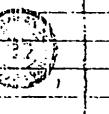
J. A. Jackson
Registrar General



No. 333328 MORTGAGE dated 1st July 1963
to the Automobile Credit & Finance Company
Company of Australia Ltd.

Entered 1st May 1964

J. A. Jackson
Registrar General



(P/S) Haig Properties Pty Limited as

2. Now the registered proprietor of the land with its parcels
See TRANSFER NO. L 656357 dated 10th November 1964
in exercise of power of sale under Mortgaging Act 1901
Entered 9th December 1964

J. A. Jackson
REGISTRAR GENERAL

No. L 656357 MORTGAGE dated 26th November 1964
to General Credit Finance Co. Ltd.

Entered 9th December 1964

J. A. Jackson
REGISTRAR GENERAL

MORTGAGE NO. L 656357

See MATTER NO. Entered

J. A. Jackson
REGISTRAR GENERAL

No. 333328 TRANSFER dated 1st July 1963
to the Automobile Credit & Finance Company
Company of Australia Ltd.

Entered 1st May 1964
the old title to this transfer
the deed is cancelled
and new certificate issued
No. 333328 Fol. 1

J. A. Jackson
REGISTRAR GENERAL

Persons are cautioned against altering or adding to this Certificate or any notification thereon.

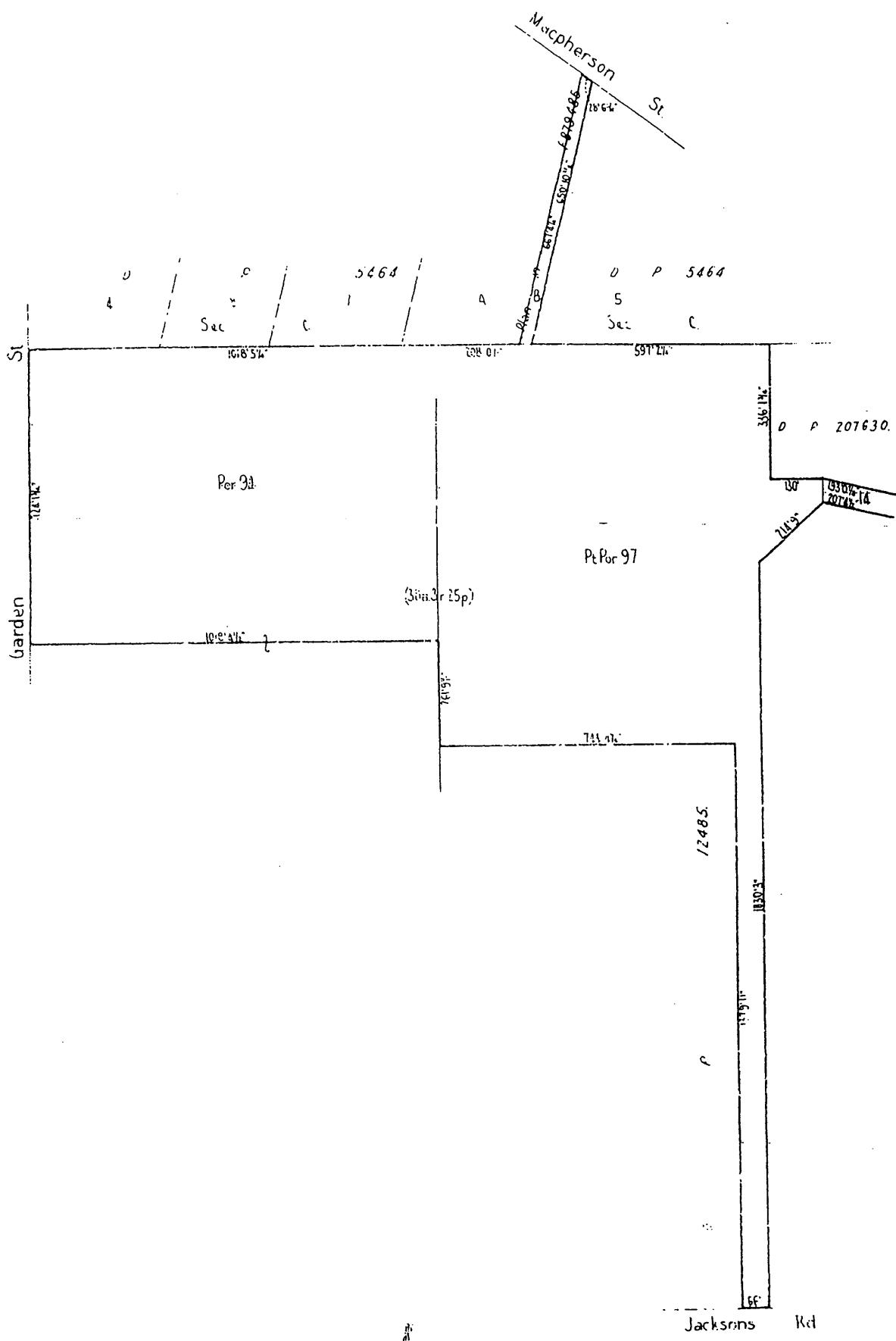
383328

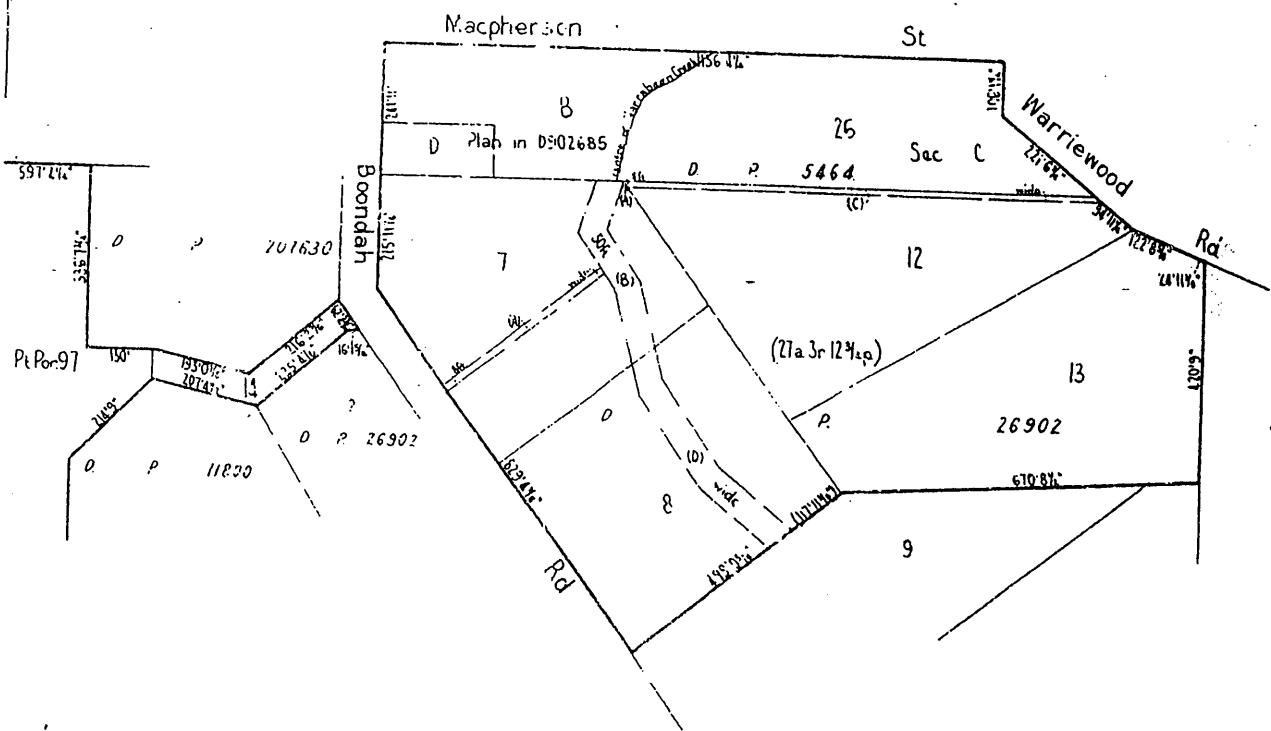
At the instance
this Deed is cancelled and New Copy book of title issued
Vol. 11659 Fol. 250 dated 3.9.1971
Vice M 210515

J. S. Jackson

REGISTRAR GENERAL







138348.1
Lucen 470 100 K

Total Area included in Certificate

66a 2r-374

All lengths shown herein are in feet and inches
Scale 100 feet to one inch

Issued on Transferring Date

H436551, H436552, H436553, H436554
H436555, H436556 (Serial) and numbered

1142 Vol. 101
 7247 " 224 }
 7288 Pol. 213 and 214 }
 " 7348 Pol. 81 }
 " 7374 " 222 }
 " 7641 " 36 } * Not our 1/2nd.

BOONDAH INVESTIGATIONS PTY. LIMITED, is now the proprietor of an Estate in Fee Simple, subject nevertheless to such conditions as may be contained in the Grants hereinafter referred to and also subject to such encumbrances as may be notified hereon in FIFTHLY That piece of land at Marrabean in the Shire of Marrangah Parish of Marrabean Lots A, B, C and D in plan lodged with Transfer No. D902685, Lot B is plan lodged with Transfer No. D902686 Deposited Plan No. 5464 and Lots 1, 7, 8, 12, 13 and 14 in Deposited Plan No. 26902 and being part of Portion 2 granted by Jenkins op 19th December 1831, part of Portion 2 granted on 19th February 1867 by Crown Grant Number 42 Folio 100 and part of Portion 96 granted on 3rd February 1903 by Crown Grant Volume 1512 Folio 35.

SECONDLY That piece of land situated as aforesaid being part of Portion 77 granted on 10th November 1902 by Crown Grant Volume Folio 210.

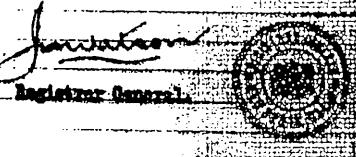
THIRDLY That piece of land situated as aforesaid being part of Portion 24 granted on 6th March 1903 by Crown Grant Number 145 Folio 195.

Whish said pieces of land are shown in the plan heron and therein edged red.
EXCEPTING THEREOUT the minerals reserved by the Crown Grants of Portions 2, 94, 96 and 97.

In witness whereof I have hereunto signed my name and affixed my Seal, this

Signed in the presence of

Fifteenth day of February



Registrar General

NOTIFICATION REFERRED TO

The abovenamed registered proprietor holds subject to the provisions of Section 604 of the Local Government Act 1919 as regards Lots C and D in plan lodged with Transfer No. D902685 and Lots 1, 7, 8, 12, 13 and 14 in Dep. Plan No. 26902.



Registrar General.

Rasements for Drainage affecting the pieces of land 8 feet wide coloured blue in the plan heron created by the registration of Deposited Plan No. 26902.

Registrar General.

Covenants contained in Transfers Nos. 1914 (affecting Lot B in plan lodged with Transfer No. M97125 and the land described above described) and G507855 (affecting Lot 14 in Deposited Plan No. 26902).



Registrar General.

Rasements for Drainage affecting the pieces of land 50 feet wide coloured pink, 8 feet wide coloured brown and 50 feet wide coloured green in the plan heron created by Transfers Nos. G587248, G594615 and G600378 respectively.



Registrar General.

Ref. 12561 MORTGAGE
to Regent Insurance Limited

Entered 15th February 1961

transcript of original

No 19130 - issued
and validated

142 (1) CAVEAT NO - 142 (2) Date 16/5/61
142 (3) Name M. J. SPAN
142 (4) Address 142 (5) Signature
142 (6) Description
142 (7) Remarks
142 (8) Date 16/5/61
142 (9) Name M. J. SPAN
142 (10) Address 142 (11) Signature
142 (12) Description
142 (13) Remarks

This document is certified to be true

Certificate of the date shown for having deposited Plan No. 91261 in the Register of Deeds

142 Vol. 11122 Part 13



REGISTRAR GENERAL

M H436560X

" 7247 " 224
 " 7288 Folio. 213 and 214
 " 7348 Fol. 81
 " 7374 " 222
 " 7641 " 36

BOONAH INVESTMENTS PTY. LIMITED., is now the proprietor of an Estate in Esq. Shire of Boonah, subject to the conditions if any contained in the Grants hereinafter referred to and also notified hereto in **FIRSTLY** that piece of land at Marroboom in the Shire of Boonah, being Lots A, B, C and D in plan lodged with Transfer No. 0902685, Lot B in plan lodged with Transfer No. 0902686, Lots 1, 7, 8, 12, 13 and 14 in Deposited Plan No. 5464 and Lots 1, 7, 8, 12, 13 and 14 in Deposited Plan No. 26902, all granted on 19th December 1831, part of Portion 2 granted on 19th February 1837 by Crown Grant Volume 1512 Folio 35.
SECONDLY That piece of land situated as aforesaid being part of Portion 37 granted on 10th December 1832 by Crown Grant Volume 1512 Folio 210.

THIRDLY That piece of land situated as aforesaid being part of Portion 24 granted on 6th March 1901 by Crown Grant Volume 195.

Which said pieces of land are shown in the plan hereto and therein edged red, EXCLUDING THEREFROM the minerals reserved by the Crown Grants of Portions 2, 24, 96 and 97.

In witness whereof I have hereunto signed my name and affixed my Seal, this

Signed in the presence of:

NOTIFICATION REFERRED TO

The abovesigned registered proprietor holds subject to the provisions of Section 604 of the Local Government Act 1929 as respects Lots C and D in plan lodged with Transfer No. 0902685 and Lots 1, 7, 8, 12, 13 and 14 in Deposited Plan No. 26902.

[Signature]
Registrar General.



Basement for Drainage affecting the pieces of land 8 feet wide coloured blue in the plan hereto created by the registration of Deposited Plan No. 26902.

[Signature]
Registrar General.

Covenants contained in Transfers Nos. 1916 (affecting Lot B in plan lodged with Transfer No. 087455 and the land severly above described) and 0507855 (affecting Lot 14 in Deposited Plan No. 26902).

[Signature]
Registrar General.



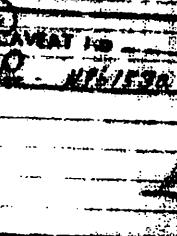
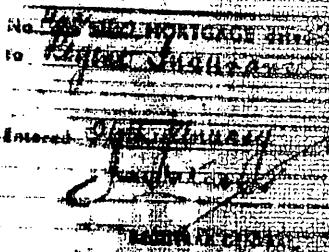
Basements for Drainage affecting the pieces of land 50 feet wide coloured pink, 8 feet wide coloured brown and 50 feet wide coloured green in the plan hereto created by Transfers Nos. 0587248, 0594615 and 0600378 respectively.

[Signature]
Registrar General.



REGISTERED
VOL 8062

SEARCHED INDEXED SERIALIZED FILED



This deed is executed as follows:
 A - Certificate of title
 B - Acknowledgment
 D - 142, Vol 8062

REGISTRAR GENERAL