



GEO_LOGIX
Environmental Consultants

ENVIRONMENTAL SITE ASSESSMENT REPORT

**360-364 Crown Street &
9-11 Urunga Parade
Wollongong NSW**

AA Crown Holdings Pty Ltd
February 2010

Ref: 1001005Rpt01FinalV01_25Feb10

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9-11 Urunga Parade,
Wollongong NSW 2500

PREPARED FOR

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EXECUTIVE SUMMARY

Geo-Logix Pty Ltd (Geo-Logix) was engaged by AA Crown Holdings Pty Ltd (AA Crown Holdings) to conduct an Environmental Site Assessment (ESA) of the site located at 360-364 Crown Street and 9 and 11 Urunga Parade, Wollongong, NSW.

AA Crown Holdings proposes to develop the site as a private hospital with additional medical and teaching facilities. The objective of the ESA was to collate site and historical information to determine the potential for contamination and the suitability of the site for the proposed commercial land-use. The scope of works included review of historical site data, a detailed site inspection, limited soil sampling and preparation of this report.

The results of the site history review indicates that the site has been used for both residential and commercial purposes as a children's hospital, nursing home and day care centre.

Given the site history and current site conditions, potential sources of contamination at the site include: potential fill material, the application of herbicides and pesticides in residential gardens, petroleum hydrocarbons and PAHs associated with a service pit and trade waste pit and asbestos and lead paint associated with building materials.

The results of preliminary surface sampling have indicated that contaminants of potential concern were not detected at concentrations greater than the assessment criteria.

Geo-Logix considers the likelihood of gross contamination at the site to be low. While there is potential for localised impact around the service pit and the trade waste separator, this can be managed during development and would not preclude use of the site for the proposed development

Based on the results of the assessment, Geo-Logix concludes the site to be suitable for re-development as a hospital.

The proposed development includes a three level basement car park. Prior to bulk excavation works, fill and natural soil will require waste classification in accordance with NSW Department of Environment and Climate Change (2009) *Waste Classification Guidelines*.

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1. INTRODUCTION

Geo-Logix Pty Ltd (Geo-Logix) was engaged by AA Crown Holdings Pty Ltd (AA Crown Holdings) to conduct an Environmental Site Assessment (ESA) of the site located at 360-364 Crown Street and 9 and 11 Urunga Parade, Wollongong, NSW (Figures 1 and 2).

AA Crown Holdings proposes to develop the site for a private hospital with additional medical and teaching facilities. The objective of the ESA was to collate site and historical information to determine the potential for contamination and the suitability of the site for commercial land-use.

The scope of works included review of historical site data, a detailed site inspection, soil sampling and preparation of this report.

2. SITE INFORMATION

2.1 Site Identification

The proposed development area comprises the following properties:

Street Address	Lot and Deposited Plan	Approx. Area (m ²)
360-362 Crown Street, Wollongong NSW 2500	Lot 1 DP 565056	2587
364 Crown Street, Wollongong NSW 2500	Lot 7 DP 661166	1314
9 Urunga Parade, Wollongong NSW 2500	Lot 53 Sec 1 DP 5507	600
11 Urunga Parade, Wollongong NSW 2500	Lot A DP 381246	484

2.2 Site Zoning and Landuse

The site is zoned as SP1 Special Activities – Hospital, Medical Research and Development. This zoning is suitable for the proposed development.

The 360-364 Crown Street property is currently unoccupied and was most recently used as a nursing home for children with disabilities. The properties at 9 and 11 Urunga Parade are used for residential occupation.

2.3 Site Description

The following site description is based on observations made during a site inspection by Geo-Logix on 12th February 2010. A photographic log is presented in Attachment A. The interior of the buildings were not accessible at the time of the inspection.

2.3.1 360-364 Crown Street

A two storey brick and tile building is located in the southern portion of the site fronting Crown Street (Plate 1). The building which was vacant at the time of the inspection was most recently used as a nursing home facility and comprises residential rooms (Plate 2), common rooms (Plate 3), staff facilities (plate 4), kitchen and amenities.

A balcony extends from the second storey of the northwestern side of the building (Plate 5) and overlooks a grassed area which is raised approximately 3 metres above grade (Plates 6 and 7). An external undercover recreation area is located along the northeastern section of the building (Plate 8).

The building fronting Crown Street is an extension of an original brick and tile dwelling (Plate 9) which connects at its northeastern corner. The former residence had been altered to form part of the nursing home facility and includes a kitchen (Plate 10) with external trade waste pit along its eastern side (plate 11). A hydrotherapy pool (Plate 12) extends from the northwestern side of the dwelling within a metal and brick extension (Plate 13).

A single residential dwelling is located in the southeastern corner of the site (Plate 14). The dwelling is constructed of cladding with a tiled roof and is surrounded by lawn, gardens and small trees. A concrete sealed area to the rear of the dwelling is covered with an awning and leads to a metal storage shed to its northeastern corner (Plate 15). To the north of the structure is a bitumen-sealed car parking area (Plate 16).

Vehicular access is provided by driveway entrances on Crown Street (Plate 17) and Urunga Parade (Plate 18). Bitumen sealed road and car parking areas (Plate 19) surround the structures on the site. The ground surfaces are shown on Figure 2.

Fragments of broken fibrous cement sheeting were observed on the balcony and appeared to have fallen from the eaves (Plate 20). A sample of the material was collected for analysis of asbestos.

2.3.2 9 Urunga Parade

A brick and tile residential dwelling is located in the northern portion of the Lot (Plate 21). A concreted driveway leads to a brick and concrete garage in the south western corner. An external water closet is located at the southeastern corner of the residence. Numerous trees and shrubs were observed within the garden area (Plate 22).

2.3.3 11 Urunga Parade

A brick and tile residential dwelling, comprised of two separate units, is located in the centre of the Lot (Plate 23). A double brick and concrete garage extends from the northwestern corner of the building. An inground pit was observed in the western garage (Plate 24). The residence is surrounded by numerous shrubs and small trees.

2.4 Surrounding Land-use

At the time of the site inspection, the surrounding land use comprised the following:

- North – Urunga Parade and residential properties;
- East – Wollongong Day Surgery and residential properties;
- South – Crown Street, Skin Cancer Clinic, vacant former service station and residence; and
- West – Illawarra Neurological Services and residential properties.

2.5 Topography

The east-west centreline of the site is situated on a hillcrest which falls from approximately 47 metres Australian Height Datum (mAHD) at the eastern boundary to approximately 43 mAHD at the western boundary (Google Earth, 2010). The southern portion of the site falls to the southwest while the northern portion of the site falls to the northwest.

2.6 Surface Water Receptors

The nearest surface water receptor is Fairy Creek located approximately 0.8 km to the north northeast of the site. Fairy Creek is tidally influenced connecting to the ocean approximately 3 km northeast of the site. The site is located approximately 2 km west of the coast.

2.7 Geology

Review of the Wollongong 1:250 000 Geological Series Sheet (Department of Mines, 1966) indicated that the site is underlain by Permian age shale, sandstone, conglomerate, tuff, chert, coal and torbanite seams of the Illawarra Coal Measures Group.

A geotechnical assessment was completed by Geoenvironmental Engineering (GE) in February 2010. The assessment comprised the completion of three soil borings BH1 (eastern section), BH2 (southwestern corner) and BH3 (northwestern section). The report indicated that the site stratigraphy typically comprised fill material overlying natural silty clay and clayey sand soil overlying sandstone bedrock.

GE indicated that fill material was encountered in all three soil bores and extended to a depth of between 0.1 m (BH2) and 1.0 m (BH3). The fill predominately comprised asphalt and associated gravel base-course layer, although in borehole BH3 there was some fill comprising clayey silt and sandy gravel / gravelly sand, beneath the surface pavements. The natural silty clay and/or sandy clay soil was typically red-brown, orange-brown and grey mottled, medium plasticity and inferred to be at least stiff in consistency. GE encountered sandstone bedrock at depths of 1.0 m (BH1), 0.8 m (BH2) and 1.3 m (BH3).

2.8 Hydrogeology

Groundwater is expected to follow the regional topography and flow to the west. Reference to the NSW Natural Resource Atlas (www.nratlas.nsw.gov.au) indicates that there are no registered groundwater bores within a 1 km radius of the site. The groundwater bore search map is presented in Attachment B.

3. SITE HISTORY

The following information has been reviewed to determine historical land-use and assess the likelihood of potentially contaminating activities having occurred at the site:

- Current and historical title deeds;
- Historical aerial photographs;
- WorkCover NSW dangerous goods license records;

- Wollongong City Council records including the section 149 planning certificate and previous development applications;
- Illawarra Historical Society;
- Anecdotal information; and
- NSW Department of Climate Change and Water (DECCW) contaminated land database and public register for regulated contaminated sites.

3.1 Title Search

A title deeds search was conducted through the Land Titles Office. A detailed summary and title documents are presented in Attachment C. Plans identifying former Lot identifiers are presented in Attachment C.

3.1.1 Lot 1 DP565056 (360-362 Crown Street)

Prior to 1973, Lot 1 was divided into two separate Lots identified as Lot 4 Section 1 DP 5507 (360 Crown Street) and Lot B DP 381246 (362 Crown Street). From 1909 to 1973, Lot 4 (360 Crown Street) was owned by individuals.

Prior to 1953, Lot B DP381246 (362 Crown Street) was divided into four separate Lots identified as Lots 51 and 52 Section 1 in DP 5507 (northern portion) and Lots 5 and 6 Section 1 DP 5507 (southern portion). Lots 51 and 52 were owned by the Council of the Municipality of Wollongong until 1921 and by individuals until 1953. Lots 5 and 6 were owned by individuals from 1912 to 1953. In 1953, parts of Lots 51 and 52 were subdivided to create a separate Lot (Lot A), and the remaining land was merged to form Lot B. From 1953 to 1973, Lot B was owned by various individuals. The Cram family owned all portions of Lot B from 1924 to 1967.

In 1973, Lot 4 and Lot B were merged and thereafter identified as Lot 1 DP 565056. From 1973 to 1979, Lot 1 was owned by individuals. In 1979, Lot 1 was purchased by The Illawarra Society for Crippled Children. In 1999, the Society changed their name to the Cram Foundation. From 2004, the site was owned by the Cram Foundation. AA Crown Holdings has owned the property since 2007.

3.1.2 Lot 7 DP661166 (364 Crown Street)

From 1914 to 1973, Lot 7 was owned by various individuals. From 1973-1974, the site was owned by Riana Pty Limited and Casben Industries Pty Limited. The Minister for Education owned the property from 1974 to 1988 during which time aerial photographs indicate the residence was demolished and an extension to the adjacent commercial building was constructed. During the time, the property was leased to the Illawarra Society for Crippled Children who later purchased the property. The Society held the property from 1988 to 2004 when the Cram Foundation took ownership. AA Crown Holdings has owned the property since 2007.

3.1.3 Lot 53 Section 1 DP5507 (9 Urunga Parade)

From 1909 to 2005, Lot 53 was owned by various individuals. Linezone Holdings Pty Limited owned the property from 2005-2007. AA Crown Holdings Pty Limited has owned the property since 2007.

3.1.4 Lot A DP381246 (11 Urunga Parade)

Prior to 1953, Lot A formed portions of two separate properties identified as Lots 51 and 52 in Section 1 DP5507. The Council of the Municipality of Wollongong owned the two lots until 1921. Individuals owned the Lots until 1953 when Lot A was created by subdivision. From 1953 to 2008, Lot A was owned by various individuals. AA Crown Holdings has owned the property since 2008.

3.2 Aerial Photograph Review

Geo-Logix undertook a review of historical aerial photographs on record at the NSW Land and Property Management Authority. Photos were examined for the years: 1951, 1961, 1974, 1984, 1994 and 2005. Aerial photos are presented in Attachment D.

3.2.1 Aerial 1951

The site comprised four separate residential properties as follows: 9 Urunga Parade, 360 Crown Street, 362 Crown Street and 364 Crown Street. Each property comprised a single residential dwelling. The property at 11 Urunga Parade had not yet been subdivided and comprised the rear yard of 362 Crown Street. Further site characteristics could not be determined due to the poor quality of the image.

The site was surrounded by vacant land to the east and residential properties elsewhere. The Wollongong area generally was moderately developed for residential purposes. Wollongong Public Hospital was located to the northeast of the site.

3.2.2 Aerial 1961

The property at 11 Urunga Parade was developed and comprised a single residential dwelling with a grassed yard to the west of the house. The property at 9 Urunga Parade comprised a single dwelling with driveway along the western property boundary and a shed in the rear yard. The property at 360 Crown Street comprised a single residential dwelling at the street frontage with a large grassed yard with outhouse/shed in the northeast section of the block.

The property at 362 Crown Street comprised a large residential dwelling in the centre of the property with a grassed yard extending to the front and rear with access from both Crown Street and Urunga Parade. A small structure was observed along the western site boundary and another in the northeast corner of the block. The property at 364 Crown Street comprised a single residential dwelling in the northwestern corner with grassed open space to the south and eastern sections of the block. A small area along the western site boundary of this property appeared to be used for gardening, with vegetation planted in rows.

The vacant property to the east was developed for residential and possibly light commercial purposes. Development in the area generally had increased.

3.2.3 Aerial 1974

A garage was constructed in the southwest corner of 9 Urunga Parade since the previous aerial photograph. The residential property at 360 Crown Street appeared to have been merged with the adjacent Lot at 362 Crown Street. A large commercial building was constructed to the south of the house at 362 Crown Street. The structure along the western boundary of this Lot was demolished. The remainder of the properties remained similar to the 1961 aerial photograph.

A residential dwelling was constructed to the north of the 364 Crown Street property. Service stations were constructed to the south and southwest of the site opposite Crown Street. The remaining properties surrounding the site appeared similar to the 1961 aerial photograph.

3.2.4 Aerial 1984

The residential dwelling at 364 Crown Street was demolished. The property appeared to have been merged with the adjacent lots at 360-362 Crown Street. The commercial building in the southern portion of 362 Crown Street had been extended to the west across the 364 Crown Street property. An extension to the original residential dwelling at 364 Crown Street had been constructed on the eastern side of the building. Bitumen driveways had been constructed around the northern boundaries of the 360-364 properties. The surrounding area was similar to the 1974 aerial photograph.

3.2.5 Aerial 1994

The site appeared similar to the 1984 aerial photograph. The property to the east of the site was redeveloped for commercial purposes.

3.2.6 Aerial 2005

The site and surrounding area appeared similar to the 1994 aerial photograph. The service station to the south of the site was demolished.

3.3 NSW WorkCover Dangerous Goods Licenses

A search of the WorkCover Stored Chemical Information Database did not identify licences to keep dangerous goods on the subject property (Attachment E).

3.4 Wollongong City Council Records

Geo-Logix reviewed files held by Wollongong City Council for information relating to historical landuse and development. Information pertaining to site is summarised below:

3.4.1 Section 149 Planning Certificates

Review of Planning Certificates under Section 149 of the Environmental Planning and Assessment Act (1979) indicates that there are no matters arising under Section 59(2) of the Contaminated Land Management Act 1997 listed for the site. The Section 149 Certificates are presented in Attachment F.

3.4.2 Council Development Records

Geo-Logix reviewed files held Wollongong City Council for information relating to historical landuse and development. The search indicated the following:

- In 1953, Council issued a building certificate for flats at 11 Urunga Parade;
- In 1954, Council issued a building certificate for a dwelling at 9 Urunga Parade;
- In 1973, a development application (DA) was submitted for medical suites and flats at 364 Crown Street. In 1979, a DA was submitted for additions to a nursing home for handicapped children and in 1981 a DA was submitted for extensions to the existing nursing home.
- At 360-362 Crown Street, Council granted a number of building approvals (BA) including a carport and water closet in 1970, a toilet in 1972, a garage in 1973, a carport in 1974, a covered walkway in 1975, a heated therapy pool in 1977, a preschool day care centre in 1977, a patio cover in 1978 and a bus shelter in 1980.

- At 360-362 Crown Street, a number of DAs were approved as follows: a nursing home for crippled children in 1966 and 1968, a preschool day care centre in 1977, a patio cover in 1978, additions to nursing home for handicapped children in 1979, a bus shelter awning in 1980, change of use of preschool to Multiple Sclerosis Therapy Centre in 1980 and extensions to existing nursing home in 1981.

A summary of the development applications is presented in Attachment F.

3.5 Illawarra Historical Society

Geo-Logix visited the Illawarra Historical Society Research Centre on 12th February 2010. Enquires were made as to the historical use of the site and surrounding properties. Mrs. Carol Herben provided the following information:

- The house known as “Froam” at 362 Crown Street was owned by James Cram and his second wife Alice Frost;
- James Cram’s second daughter, Martha Ann Cram lived there until her death in early October 1964. Being a woman who devoted her life to her church and many charities she bequeathed the house to the Illawarra Society for Crippled Children;
- In May 1968, it was disclosed that approximately \$25,000 would be spent to renovate the old home in Crown Street into a convalescent hospital for crippled children;
- In July 1968, it was disclosed that the convalescent hospital was equipped for occupation. This would have been the original home of the Crams which still exists on site; and
- In 1971, the new and larger hospital facing Crown Street was opened.

3.6 Anecdotal Information

Anecdotal information was sourced from the Cram Foundation Website www.cramfoundation.com.au on 11th February 2010 and is presented in Attachment G. The following information relates to the subject site:

“The Cram Foundation was formed in May 1932 as the Wollongong and District Society for Crippled Children. The Organisation changed its Constitution and name to The Illawarra Society for Crippled Children in January 1964.

In 1965 a house at 362 Crown Street was bequeathed to the Society following the death of Miss Martha Cram, and was to be used as a children’s Hospital and a memorial to the Cram family. The property was modified in 1971 jointly from funds raised as result of the Lord Mayor’s Appeal and Commonwealth Government funds, and was opened as ‘The Illawarra Children’s Hospital’ (Cram House), caring for post-operative and orthopaedic patients.

In January 1972 an adjoining cottage (360 Crown Street) was purchased by the Society and renovated by West Wollongong Rotary Club, and became a special school for children with disabilities. The following year part of Cram House was used as a Day Care Centre. Both these services were later transferred to other community programs.

In 1974 Cram House closed, and in 1975 re-opened as a ‘Special Purpose Nursing Home’ and quickly filled to capacity to accommodate 26 children with severe disabilities.

In April 1984 extensions to Cram House were opened by Stewart West MP, Member for Cunningham and Minister for Immigration. The extensions were built on adjoining land leased from the Education Department in 1978 and later purchased by the Society. Funds for the extensions came from the community, mainly through a week-end telethon on WIN TV, and the Commonwealth Government.

In 1981 the Society established a community-based group home at Bellambi. It provided accommodation for four children with disabilities and was staffed with Houseparents. In 1999 the Society changed its name to The Cram Foundation. The Cram House building became unsuitable for meeting the residents' individual needs and for their privacy, and in accessing and participating in community activities.

During 2002 and 2003 residents moved from Cram House to 'group homes' in the Shellharbour area. These homes are located throughout the community and each accommodates small groups of residents and are staff on a 24 hour basis.

Cram House was subsequently sold in December 2006"

3.7 NSW EPA Contaminated Land Database

A review of the NSW EPA database under Section 58 of the Contaminated Land Management Act 1997 indicated there are no notifications for the subject property or surrounding properties. The search record is presented in Attachment H.

3.8 Protection of Environment Operations Act 1997 Public Register

A search of the public register under section 308 of the Protection of the Environment Operations Act 1997 (POEO Act) did not identify records relating to the subject property. The search record is presented in Attachment I.

3.9 Site History Summary

A summary of the site history is provided below:

- The property at 9 Urunga Parade has been a residential dwelling since at least 1951. The property has remained unchanged since this time.
- The property at 11 Urunga Parade was formerly part of two adjacent Lots which were owned by the Council of the Municipality of Wollongong until 1921. The property was created by subdivision in 1953 and the existing dwelling was constructed at this time. The site has remained unchanged since this time.
- The property at 362 Crown Street was developed as a residential dwelling since the early 1920s. The property was owned by the Cram Family from 1924. Following the death of Martha Cram, in 1965, the house was bequeathed to the Illawarra Society for Crippled Children for use as a children's hospital. In 1966 and 1968, Wollongong Council approved the development of a nursing home for crippled children. In 1971, the property was modified, and the two storey extension to the residence was built as the "Illawarra Children's Hospital (Cram House)".

- The property at 360 Crown Street was developed as a residential dwelling since at least 1951. In 1973 the property was purchased by the Illawarra Society for Crippled Children. Wollongong Council approved use as a preschool day care centre in 1977 and the house was used as a special school for children with disabilities. In 1980, Council approved a change of use of preschool to Multiple Sclerosis Therapy Centre. The original residence at 360 Crown Street still exists.
- The property at 364 Crown Street was developed as a residential dwelling since at least 1951. Gardening activities were undertaken on the residential property in the 1960s. The property was owned by Riana Pty Limited and Casben Industries Pty Limited in the early 1970s. Use of the property during this time could not be identified. The Minister for Education owned the property from 1974 to 1988 at which time the property was leased to the Illawarra Society for Crippled Children. In 1979, Wollongong Council approved an extension to the adjacent children's hospital to accommodate a special purpose nursing home for children with disabilities. The residence was demolished and the extension completed in 1984. The Illawarra Society for Crippled Children purchased the site in 1988.

4. POTENTIAL SITE CONTAMINATION

Potential contamination issues include the following:

- Heavy metals (arsenic, cadmium, chromium, copper, lead, mercury, nickel and zinc) impact originating from potentially contaminated fill material;
- Total Petroleum Hydrocarbons (TPH) and benzene, toluene, ethylbenzene and xylenes (BTEX) impact originating from potentially contaminated fill material;
- Polycyclic Aromatic Hydrocarbons (PAHs) impact associated with potentially contaminated fill material;
- Organochlorine Pesticides (OCPs) and Organophosphorus Pesticides (OPPs) impact sourced from potential application to residential gardens;
- Oils and grease contamination from leakage or spillage from the trade waste pit;
- TPH and BTEX impact from the service pit within the garage at 11 Urunga Parade;
- Lead impact originating from lead based paint formerly used on residential buildings; and
- Asbestos associated with building materials and in potentially contaminated fill material.

5. SUBSURFACE INVESTIGATION

Surface samples were collected from six soil borings (B1 to B6) as presented in Figure 2. The objective of the preliminary sampling regime was to target areas of potential concern and to provide general site coverage.

Soil boring B1 was targeted at former gardening operations (1961 aerial photograph) while soil boring B2 was targeted at mounded soil to the northeast of the nursing home building. The remainder of the samples targeted potential fill material across the site surface. A sample of fibrous cement sheeting (ACM1) was collected from the ground surface on the balcony of the nursing home building.

Project Personnel:	Senior Project Scientist Kelly Weir conducted all field work.
Field Work Date:	12 th February 2010
Sampling Method:	Soil borings (B1 to B6) were excavated using a hand auger. The soil samples were placed in laboratory prepared jars, labelled and placed on ice in an esky for transport under chain of custody to a NATA Accredited Laboratory for analysis.
Laboratory:	Samples were analysed by MGT Environmental and LabMark Laboratories. The laboratories are NATA accredited for the analysis undertaken.
QA/QC Procedures:	Quality control sampling was undertaken in accordance with specifications outlined in AS4482.1, <i>Guide to Sampling and Investigation of Potentially Contaminated Soil</i>. Field QC samples were collected and included one soil sample duplicate pair (B1/0.3 and D1), one soil sample triplicate pair (B1/0.3 and S1), one trip blank, one trip spike and one rinsate sample (RIN). The rinsate sample was collected from the auger to assess the adequacy of decontamination procedures. The laboratory internal quality control procedures are consistent with NEPM policy on laboratory analysis of contaminated soils. Geo-Logix quality assurance procedures included changing disposable gloves and decontaminating sampling apparatus with a phosphate free detergent between samples.
Sample Analysis:	Selected soil samples were analysed for commonly encountered contaminants including heavy metals, TPH, BTEX, PAH, OCP, OPP and asbestos. Sample ACM1 was analysed for asbestos.
Assessment Criteria:	Soil sample analytical results were compared against the National Environmental Protection Measure Health Based Investigation Levels for commercial/industrial settings (NEPC, 1999) and NSW EPA Guidelines for Assessing Service Station Sites (NSW EPA, 1994).

6. INVESTIGATION RESULTS

6.1 Site Geology

Surface soils beneath the site comprise fill material overlying native clay soil. Soil borings are provided in Attachment J.

6.2 Analytical Results

A total of eight soil samples, including duplicate and triplicate samples were collected and submitted for laboratory analysis. The laboratory analytical reports are presented in Attachment K. A summary of analytical results are presented in Tables 1 through 6.

6.2.1 TPH and BTEX in Soil

TPH and BTEX were not detected at concentrations greater than the laboratory reporting limits in all soil samples analysed (Table 1).

6.2.2 PAHs in soil

PAHs were not detected at concentrations greater than the assessment criteria in all soil samples analysed (Table 2).

6.2.3 Metals in Soil

Metals were not detected at concentrations greater than the assessment criteria in all soil samples analysed (Table 3).

6.2.4 OCP and OPP

OCP and OPP were not detected at concentrations greater than the assessment criteria in all samples analysed (Tables 4 and 5 respectively).

6.2.5 Asbestos

A sample of fibrous cement (ACM1) and soil collected from soil boring B2/0.3 did not contain asbestos (Table 6).

6.4 QA/QC Results

With the exception of the RPD for lead (120%) and zinc (88%) in soil duplicate pair B1/0.3 and D1, soil duplicate results are within the adopted acceptance criteria of 30-50% (AS4482.1). With the exception of the RPD for copper (131%) in soil triplicate pair B1/0.3 and S1, soil triplicate results are within the adopted acceptance criteria of 30-50% (AS4482.1). The outliers are likely due to the heterogeneity of the fill material and not considered to affect the integrity of the results. Analytes were not detected in the rinsate blank indicating decontamination methods were satisfactory to prevent cross contamination between samples (Table 7).

Volatile contaminants were not detected in the trip blank and the BTEX recoveries in the trip spike sample were within acceptable limits (70-130%). The trip spike sample results indicate negligible loss of volatile compounds during sample transport (Table 7).

A summary of Laboratory QA/QC data is presented on the following table.

Report #	Analysis Within Holding Time	Surrogate Recovery	Lab. Duplicate RPD %	Lab Matrix Spike Recovery	Lab. Control Sample	Lab Method Blank
EB1000441	√	√	√	√	√	√
E046890	√	√	√	√	√	√
√ = Pass X = Fail -- = not required * = refer to report text Quality Assurance Criteria Holding Times VOCs 14 days soil/water SVOCs 7 days water, 14 days soil Pesticides 7 days water, 14 days soil Metals 6 months Mercury 28 days Quality Control Criteria Accuracy Surrogate, matrix spike, control sample 70-130% and 30-130% for Phenols. Surrogate recovery 50-150% and 20-130% for Phenols. Precision Method Blank Not detected Duplicate - No limit (<10xEQL), 0-50% (10-20xEQL), 0-200% (>20xEQL)						

Geo-Logix accepts the integrity of the analytical data.

7. CONCLUSIONS AND RECOMMENDATIONS

The results of historical review indicate that the site has been used for both residential and commercial purposes as a children's hospital, nursing home and day care centre.

Potential sources of contamination identified were potential fill material, the application of herbicides and pesticides in residential gardens, petroleum hydrocarbons and PAH associated with a service pit and trade waste separator and asbestos and lead paint associated with building materials.

The results of preliminary surface sampling indicated that contaminants of potential concern were not detected at concentrations greater than the assessment criteria.

Geo-Logix considers the likelihood of gross contamination at the site to be low. While there is potential for localised impact around the service pit and the trade waste separator, this can be managed during development and would not preclude use of the site for the proposed development.

Based on the results of the assessment, Geo-Logix concludes the site to be suitable for re-development as a hospital.

The proposed development includes a three level basement car park. Fill and natural soil requires waste classification in accordance with NSW Department of Environment and Climate Change (2009) *Waste Classification Guidelines* prior to bulk excavation works.

8. LIMITATIONS

It is understood that the Environmental advice provided by Geo-Logix is based on the available historical data and limited field data. Geo-Logix has conducted the investigation in accordance with accepted methodologies and state and national guidelines for investigation of contaminated land. Geo-Logix has formed an interpretation based on scientific principal and experience.

By accepting the advice presented in the Geo-Logix report you agree to indemnify Geo-Logix against any loss, damage, liability, claim, suits, demands and actions for advice which, as a result of local geological/hydrogeological anomalies caused further pollution or exacerbated existing pollution.

9. REFERENCES

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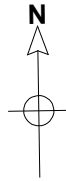
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FIGURES

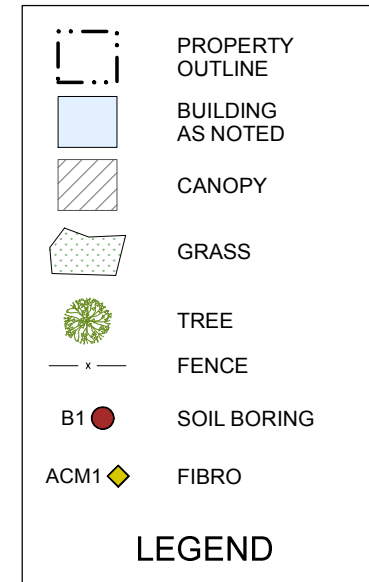
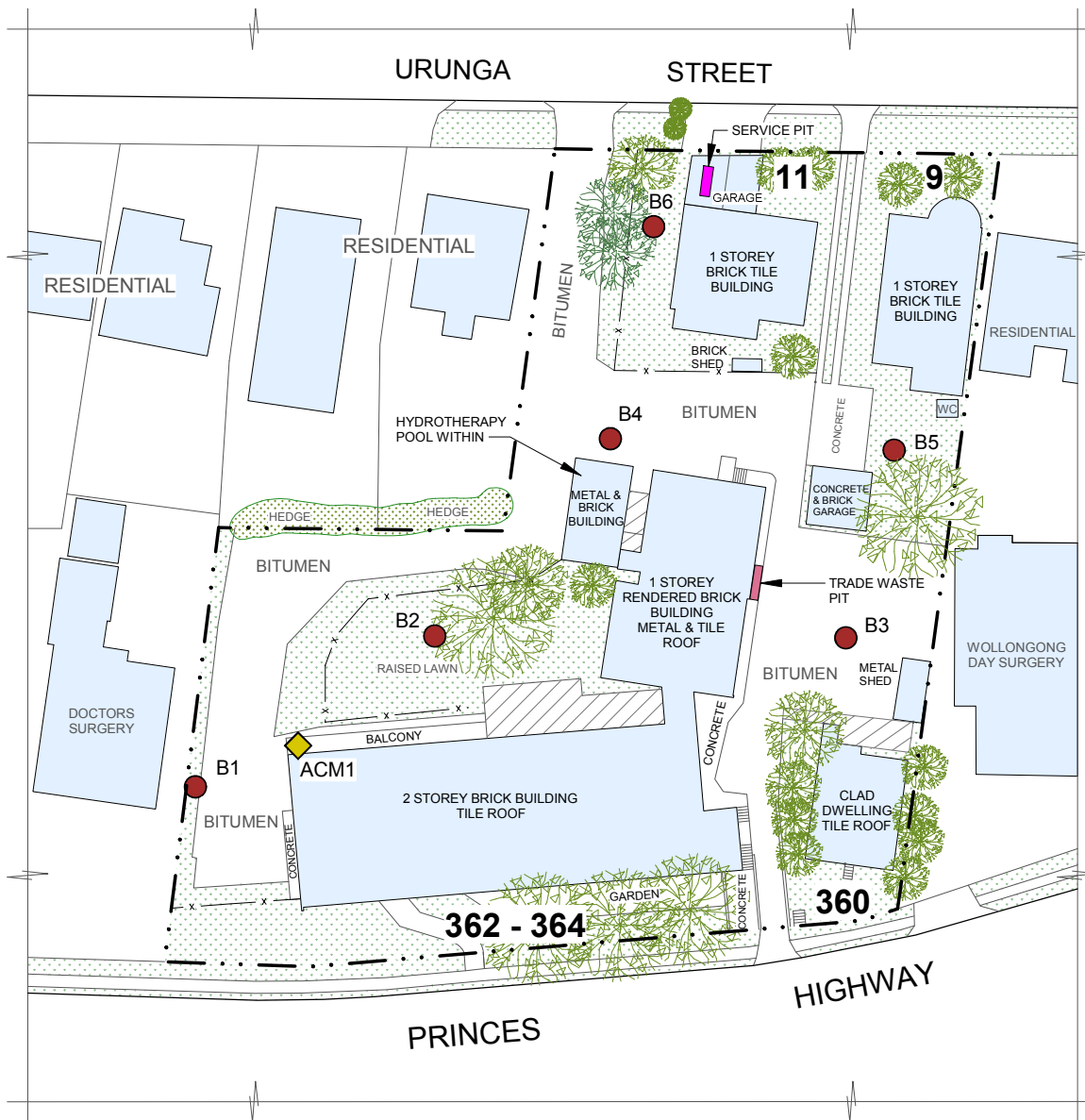


PART MAP WOLLONGONG



PART MAP NSW

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TABLES

TABLE 1:
Summary of Soil Analytical Data
TPH and BTEX
360-364 Crown Street and 9-11 Urunga Parade
Wollongong, NSW

Petroleum Hydrocarbons	Assessment Criteria	Sample ID Depth (m) Date	B1/0.3 0.3 12/02/2010	D1 - 12/02/2010	RPD* %	S1 - 12/02/2010	RPD** %
Total Petroleum Hydrocarbons							
C ₆ -C ₉	65		<20	<20	<i>nc</i>	<10	<i>nc</i>
C ₁₀ -C ₁₄	n/a		<50	<50	<i>nc</i>	<50	<i>nc</i>
C ₁₅ -C ₂₈	n/a		<100	<100	<i>nc</i>	<100	<i>nc</i>
C ₂₈ -C ₃₆	n/a		<100	<100	<i>nc</i>	<100	<i>nc</i>
Sum of TPH	1000		--	--		--	
BTEX							
Benzene	1		<0.05	<0.05	<i>nc</i>	<0.2	<i>nc</i>
Toluene	1.4		<0.05	<0.05	<i>nc</i>	<0.5	<i>nc</i>
Ethylbenzene	3.1		<0.05	<0.05	<i>nc</i>	<0.5	<i>nc</i>
Xylenes	14		<0.05	<0.05	<i>nc</i>	<1	<i>nc</i>

Notes:

Assessment Criteria = Guidelines for Assessing Service Station Sites Sensitive Land Use (NSW EPA, 1994)

Total concentrations in milligrams per kilogram (mg/kg)

-- = Not applicable

n/a = criteria not available

Bold indicates concentrations above Assessment criteria.

D1 = field duplicate of B1/0.3

S1 = field triplicate of B1/0.3

RPD = Relative percent difference to determine precision between 2 samples, criteria 30 - 50% (AS4482-1997)

RPD* = Relative percent difference between the primary and field duplicate sample

RPD** = Relative percent difference between the primary and field triplicate sample

nc = RPD not calculated, one or both samples below laboratory reporting limits

<# = analyte not detected at concentration in excess of laboratory reporting limits

TABLE 1:
Summary of Soil Analytical Data
TPH and BTEX
360-364 Crown Street and 9-11 Urunga Parade
Wollongong, NSW

Petroleum Hydrocarbons	Assessment Criteria	Sample ID	B2/0.3	B3/0.2	B4/0.2	B5/0.3	B6/0.3
		Depth (m)	0.3	0.2	0.2	0.3	0.3
		Date	12/02/2010	12/02/2010	12/02/2010	12/02/2010	12/02/2010
Total Petroleum Hydrocarbons							
C ₆ -C ₉	65		<20	<20	<20	<20	<20
C ₁₀ -C ₁₄	n/a		<50	<50	<50	<50	<50
C ₁₅ -C ₂₈	n/a		<100	<100	<100	<100	<100
C ₂₈ -C ₃₆	n/a		<100	<100	<100	<100	<100
Sum of TPH	1000		--	--	--	--	--
BTEX							
Benzene	1		<0.05	<0.05	<0.05	<0.05	<0.05
Toluene	1.4		<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	3.1		<0.05	<0.05	<0.05	<0.05	<0.05
Xylenes	14		<0.05	<0.05	<0.05	<0.05	<0.05

Notes:

Assessment Criteria = Guidelines for Assessing Service Station Sites Sensitive Land Use (NSW EPA, 1994)

Total concentrations in milligrams per kilogram (mg/kg)

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<# = analyte not detected at concentration in excess of laboratory reporting limits

TABLE 2:
Summary of Soil Analytical Data
Polycyclic Aromatic Hydrocarbons
360-364 Crown Street and 9-11 Urunga Parade
Wollongong, NSW

PAHs	Assessment Criteria	Sample ID Depth (m) Date	B1/0.3 0.3 12/02/2010	D1 - 12/02/2010	RPD* %	S1 - 12/02/2010	RPD** %
Polyaromatic Hydrocarbons							
Acenaphthene	n/a		< 0.1	< 0.1	nc	<0.5	nc
Acenaphthylene	n/a		< 0.1	< 0.1	nc	<0.5	nc
Anthracene	n/a		< 0.1	< 0.1	nc	<0.5	nc
Benz(a)anthracene	n/a		0.1	< 0.1	nc	<0.5	nc
Benzo(a)pyrene	5		0.1	< 0.1	nc	<0.5	nc
Benzo(b)fluoranthene	n/a		0.1	< 0.1	nc	-	-
Benzo(k)fluoranthene	n/a		0.1	< 0.1	nc	-	-
Benzo(b&k)fluoranthene	n/a		-	-	-	<1	-
Benzo(g,h,i)perylene	n/a		< 0.1	< 0.1	nc	<0.5	nc
Chrysene	n/a		0.2	< 0.1	nc	<0.5	nc
Dibenz(a,h)anthracene	n/a		< 0.1	< 0.1	nc	<0.5	nc
Fluoranthene	n/a		0.2	< 0.1	nc	<0.5	nc
Fluorene	n/a		< 0.1	< 0.1	nc	<0.5	nc
Indeno(1,2,3-cd)pyrene	n/a		< 0.1	< 0.1	nc	<0.5	nc
Naphthalene	n/a		< 0.1	< 0.1	nc	<0.5	nc
Phenanthrene	n/a		0.2	< 0.1	nc	<0.5	nc
Pyrene	n/a		0.3	< 0.1	nc	<0.5	nc
Total PAH	20		1.3	< 0.1	nc	<0.5	nc

Notes:

Assessment Criteria = NEPM (1999) HIL 'F' Commercial/Industrial

Total concentrations in milligrams per kilogram (mg/kg)

-- = Not applicable

n/a = criteria not available

Bold indicates concentrations above Assessment Criteria.

D1 = field duplicate of B1/0.3

S1 = field triplicate of B1/0.3

RPD = Relative percent difference to determine precision between two samples, 30 - 50% (AS4482-1997)

RPD* = Relative percent difference between the primary and field duplicate sample

RPD** = Relative percent difference between the primary and field triplicate sample

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TABLE 2:
Summary of Soil Analytical Data
Polycyclic Aromatic Hydrocarbons
360-364 Crown Street and 9-11 Urunga Parade
Wollongong, NSW

PAHs	Assessment Criteria	Sample ID	B2/0.3	B3/0.2	B4/0.2	B5/0.3	B6/0.3
		Depth (m)	0.3	0.2	0.2	0.3	0.3
		Date	12/02/2010	12/02/2010	12/02/2010	12/02/2010	12/02/2010
Polyaromatic Hydrocarbons							
Acenaphthene	n/a		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	n/a		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Anthracene	n/a		0.1	< 0.1	< 0.1	0.1	< 0.1
Benz(a)anthracene	n/a		0.4	< 0.1	< 0.1	0.3	0.4
Benzo(a)pyrene	5		0.3	< 0.1	< 0.1	0.2	0.3
Benzo(b)fluoranthene	n/a		0.3	< 0.1	0.1	0.2	0.3
Benzo(k)fluoranthene	n/a		0.3	< 0.1	0.1	0.3	0.3
Benzo(b&k)fluoranthene	n/a		-	-	-	-	-
Benzo(g,h,i)perylene	n/a		0.3	< 0.1	< 0.1	0.1	0.2
Chrysene	n/a		0.4	< 0.1	0.1	0.4	0.4
Dibenz(a,h)anthracene	n/a		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	n/a		0.7	< 0.1	0.1	0.5	0.6
Fluorene	n/a		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Indeno(1,2,3-cd)pyrene	n/a		0.2	< 0.1	< 0.1	0.1	0.2
Naphthalene	n/a		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	n/a		0.3	< 0.1	< 0.1	0.3	0.3
Pyrene	n/a		0.7	< 0.1	0.1	0.5	0.6
Total PAH	20		4	< 0.1	0.5	3	3.6

Notes:

Assessment Criteria = NEPM (1999) HIL 'F' Commercial/Industrial

Total concentrations in milligrams per kilogram (mg/kg)

-- = Not applicable

n/a = criteria not available

Bold indicates concentrations above Assessment Criteria.

D1 = field duplicate of B1/0.3

S1 = field triplicate of B1/0.3

RPD = Relative percent difference to determine precision between two samples, 30 - 50% (AS4482-1997)

RPD* = Relative percent difference between the primary and field duplicate sample

RPD** = Relative percent difference between the primary and field triplicate sample

nc = RPD not calculated, one or both samples below laboratory reporting limits

<# = analyte not detected at concentration in excess of laboratory reporting limits

TABLE 3:
Summary of Soil Analytical Data
Metals
360-364 Crown Street and 9-11 Urunga Parade
Wollongong, NSW

Metals	Assessment Criteria	Sample ID Depth (m) Date	B1/0.3 0.3 12/02/2010	D1 - 12/02/2010	RPD* %	S1 - 12/02/2010	RPD** %
Metals							
Arsenic	500		2.2	< 2	<i>nc</i>	3	31
Cadmium	100		< 0.5	< 0.5	<i>nc</i>	<0.1	<i>nc</i>
Chromium	60%		7	6.4	9	11	44
Copper	5000		9.6	6.6	37	2	131
Lead	1500		68	17	120	60	13
Mercury	75		< 0.1	< 0.1	<i>nc</i>	0.11	<i>nc</i>
Nickel	3000		< 5	< 5	<i>nc</i>	3	<i>nc</i>
Zinc	35000		72	28	88	90	22

Notes:

Assessment Criteria = NEPM (1999) HIL 'F' Commercial/Industrial

Total concentrations in milligrams per kilogram (mg/kg)

<# = analyte not detected at concentration in excess of laboratory reporting limits

-- = Not applicable

n/a = criteria not available

Bold indicates exceedance of Assessment Criteria

D1 = field duplicate of B1/0.3

S1 = field triplicate of B1/0.3

RPD = Relative percent difference to determine precision between two samples, 30 - 50% (AS4482-1997)

RPD* = Relative percent difference between the primary and field duplicate sample

RPD** = Relative percent difference between the primary and field triplicate sample

nc = RPD not calculated, one or both samples below laboratory reporting limits

TABLE 3:
Summary of Soil Analytical Data
Metals
360-364 Crown Street and 9-11 Urunga Parade
Wollongong, NSW

Metals	Assessment Criteria	Sample ID	B2/0.3	B3/0.2	B4/0.2	B5/0.3	B6/0.3
		Depth (m)	0.3	0.2	0.2	0.3	0.3
		Date	12/02/2010	12/02/2010	12/02/2010	12/02/2010	12/02/2010
Metals							
Arsenic	500		< 2	< 2	< 2	4.4	3
Cadmium	100		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	60%		9.4	18	6.8	8.3	8.6
Copper	5000		10	8.6	12	26	34
Lead	1500		60	7.1	14	100	180
Mercury	75		< 0.1	< 0.1	< 0.1	< 0.1	0.1
Nickel	3000		< 5	< 5	< 5	< 5	< 5
Zinc	35000		35	< 5	11	110	150

Notes:

Assessment Criteria = NEPM (1999) HIL 'F' Commercial/Industrial

Total concentrations in milligrams per kilogram (mg/kg)

<# = analyte not detected at concentration in excess of laboratory reporting limits

-- = Not applicable

n/a = criteria not available

Bold indicates exceedance of Assessment Criteria

D1 = field duplicate of B1/0.3

S1 = field triplicate of B1/0.3

RPD = Relative percent difference to determine precision between two samples, 30 - 50% (AS4482-1997)

RPD* = Relative percent difference between the primary and field duplicate sample

RPD** = Relative percent difference between the primary and field triplicate sample

nc = RPD not calculated, one or both samples below laboratory reporting limits

TABLE 4:
Summary of Soil Analytical Data
OCPs
360-364 Crown Street and 9-11 Urunga Parade
Wollongong, NSW

OCP	Assessment Criteria	Sample ID Depth Date	B1/0.3 0.3 12/02/2010	D1 - 12/02/2010	RPD* %	S1 - 12/02/2010	RPD** %
a-BHC	n/a		<0.05	<0.05	nc	<0.05	nc
Hexachlorobenzene	n/a		<0.05	<0.05	nc	<0.05	nc
b-BHC	n/a		<0.05	<0.05	nc	<0.05	nc
g-BHC (Lindane)	n/a		<0.05	<0.05	nc	<0.05	nc
d-BHC	n/a		<0.05	<0.05	nc	<0.05	nc
Heptachlor	50		<0.05	<0.05	nc	<0.05	nc
Aldrin	50*		<0.05	<0.05	nc	<0.05	nc
Heptachlor Epoxide	n/a		<0.05	<0.05	nc	<0.05	nc
Chlordane	250		0.1	0.1	0	-	-
cis-chlordane	n/a		-	-	-	<0.05	-
trans-chlordane	n/a		-	-	-	<0.05	-
Endosulfane I	n/a		<0.05	<0.05	nc	<0.05	nc
Dieldrin	50*		<0.05	<0.05	nc	<0.05	nc
4,4-DDE	1000**		<0.05	<0.05	nc	<0.05	nc
Endrin	n/a		<0.05	<0.05	nc	<0.05	nc
Endosulfan II	n/a		<0.05	<0.05	nc	<0.05	nc
4,4-DDD	1000**		<0.05	<0.05	nc	<0.05	nc
Endosulfan sulphate	n/a		<0.05	<0.05	nc	<0.05	nc
4,4-DDT	1000**		<0.05	<0.05	nc	<0.2	nc
Methoxychlor	n/a		<0.05	<0.05	nc	<0.2	nc
Endrin Aldehyde	n/a		<0.05	<0.05	nc	-	nc
Endrin Ketone	n/a		<0.05	<0.05	nc	-	nc
Toxophene	n/a		<0.1	<0.1	nc	-	nc

Notes:

Assessment Criteria = NEPC (1999) HIL 'F' Commercial/Industrial criteria

Concentrations in milligrams per kilogram (mg/kg)

* = combined Aldrin + Dieldrin concentration

** = combined DDD, DDE and DDT concentration

Bold indicates exceedance of Assessment Criteria

D1 = field duplicate of B1/0.3

S1 = field triplicate of B1/0.3

RPD = Relative percent difference used to determine the precision between two samples, acceptance criteria 30 - 50% (AS4482-1997)

RPD* = Relative percent difference between the primary and field duplicate sample

RPD** = Relative percent difference between the primary and field triplicate sample

n/a = criteria not available

<# = analyte not detected at concentration in excess of laboratory reporting limits

TABLE 5:
Summary of Soil Analytical Data
OPPs
360-364 Crown Street and 9-11 Urunga Parade
Wollongong, NSW

OPP	Sample ID	B1/0.3	D1	RPD*	S1	RPD**
	Depth	0.3	-	%	-	%
	Date	12/02/2010	12/02/2010		12/02/2010	
Bolstar		<0.2	<0.2	nc	-	-
Dichlorvos		<0.2	<0.2	nc	<0.5	nc
Ethion		<0.2	<0.2	nc	-	-
Mevinphos		<0.2	<0.2	nc	<0.5	nc
Demeton-O		<0.2	<0.2	nc	<1	nc
Ethoprop		<0.2	<0.2	nc	<0.5	nc
Phorate		<0.2	<0.2	nc	<0.5	nc
Naled		<0.5	<0.5	nc	-	-
Tokuthion		<0.2	<0.2	0	-	-
Diazinon		<0.2	<0.2	nc	<0.5	nc
Disulfoton		<0.2	<0.2	nc	<0.5	nc
Methyl parathion		<0.2	<0.2	nc	<0.5	nc
Trichloronate		<0.2	<0.2	nc	-	-
Ronnel		<0.2	<0.2	nc	<0.5	nc
Fenitrothion		<0.2	<0.2	nc	<0.5	nc
Fensulfothion		<0.2	<0.2	nc	-	-
Chloropyrifos		<0.2	<0.2	nc	<0.5	nc
Fenthion		<0.2	<0.2	nc	<0.5	nc
Merphos		<0.2	<0.2	nc	-	-
Azinophos methyl		<0.2	<0.2	nc	<0.5	nc

Notes:

Concentrations in miligrams per kilogram (mg/kg)

Criteria not available

D1 = field duplicate of B1/0.3

S1 = field triplicate of B1/0.3

RPD = Relative percent difference used to determine the precision between two samples, acceptance criteria 30 - 50% (AS4482-1997)

RPD* = Relative percent difference between the primary and field duplicate sample

RPD** = Relative percent difference between the primary and field triplicate sample

Bold indicates exceedance of Assessment Criteria

<# = analyte not detected at concentration in excess of laboratory reporting limits

TABLE 6:
Summary of Soil Analytical Data
Asbestos
 360-364 Crown Street and 9-11 Urunga Parade
 Wollongong, NSW

Asbestos	Sample ID	ACM1	B2/0.3
	Depth	Fibro	0.3
	Date	12/02/2010	12/02/2010
Asbestos		ND	ND
Notes:			
ND = No Asbestos Detected			

TABLE 7:
Summary of QA/QC Analytical Data
360-364 Crown Street and 9-11 Urunga Parade
Wollongong, NSW

TPH, BTEX, PAHs and Heavy Metals	Sample Type	Rinsate	Trip Blank	Trip Spike*
	Sample ID	RIN	Trip Blank	Trip Spike
	Matrix	Water	Soil	Soil
	Date	12/02/2010	12/02/2010	12/02/2010
Total Petroleum Hydrocarbons				
C ₆ -C ₉		<0.02	<20	-
C ₁₀ -C ₁₄		<0.05	-	-
C ₁₅ -C ₂₈		<0.1	-	-
C ₂₈ -C ₃₆		<0.1	-	-
Sum of TPH (C ₁₀ -C ₃₆)		--	--	--
BTEX				
Benzene		<0.001	<0.05	95%
Toluene		<0.001	<0.05	86%
Ethylbenzene		<0.001	<0.05	90%
Xylenes		<0.001	<0.05	82%
Polycyclic Aromatic Hydrocarbons				
Naphthalene		<0.001	-	-
Acenaphthylene		<0.001	-	-
Acenaphthene		<0.001	-	-
Fluorene		<0.001	-	-
Phenanthrene		<0.001	-	-
Anthracene		<0.001	-	-
Fluoranthene		<0.001	-	-
Pyrene		<0.001	-	-
Benz(a)anthracene		<0.001	-	-
Chrysene		<0.001	-	-
Benzo(b)fluoranthene		<0.001	-	-
Benzo(k)fluoranthene		<0.001	-	-
Benzo(a) pyrene		<0.001	-	-
Indeno(1,2,3-c,d)pyrene		<0.001	-	-
Dibenz(a,h)anthracene		<0.001	-	-
Benzo(g,h,i)perylene		<0.001	-	-
Sum of reported PAHs		<0.001	--	--
Heavy Metals				
Arsenic		<0.001	-	-
Cadmium		<0.0002	-	-
Chromium		<0.001	-	-
Copper		<0.001	-	-
Lead		<0.001	-	-
Mercury		<0.0001	-	-
Nickel		<0.001	-	-
Zinc		<0.001	-	-
Notes:				
Water concentrations in milligrams per litre (mg/L) soil concentrations in milligrams per kilogram (mg/kg)				
<# = analyte not detected at concentration in excess of laboratory reporting limits				
* trip spike results reported as percent recovery when compared to the control sample kept in the laboratory				
- not analysed				
-- not applicable				

ATTACHMENT A

Photographic Plates



Plate 1 – Nursing home building fronting Crown Street. Frame looking northwest (12/2/2010).

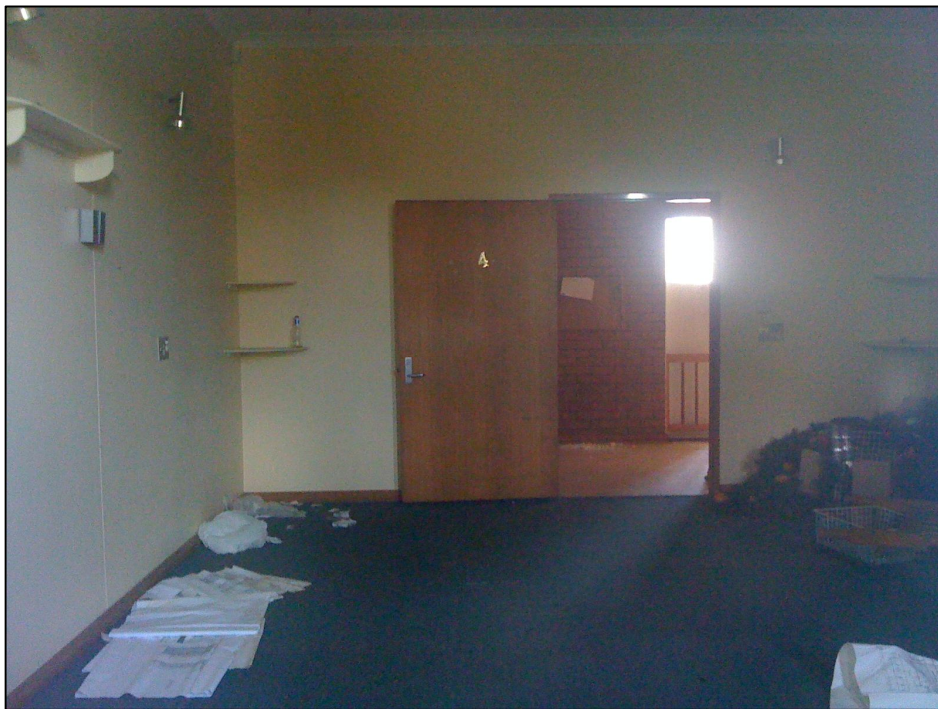


Plate 2 – Residential room within the nursing home building (12/2/2010).



Plate 3 – Common room within the nursing home building (12/2/2010).



Plate 4 – Nurses/patient area within the nursing home building (12/2/2010).



Plate 5 – Western side of nursing home building showing the balcony. Frame looking southeast (12/2/2010).



Plate 6 – Mounded soil located at the northwestern corner of the nursing home building. Frame looking east (12/2/2010).



Plate 7 – Southwestern portion of the site (364 Crown St) showing mounded soil to the left of frame and a retaining wall garden bed along the western boundary. Frame looking southwest (12/2/2010).



Plate 8 – External recreation area at the northeastern corner of the nursing home building showing BBQ. Frame looking west (12/2/2010).



Plate 9 – Residential dwelling connecting to the nursing home building at its northeastern corner. Frame looking northeast (12/2/2010).



Plate 10 – Kitchen within the connected residential dwelling (12/2/2010).



Plate 11 – Trade waste pit external to the eastern side of the residential dwelling (12/2/2010).



Plate 12 – Hydrotherapy pool located to the northwest of the residential dwelling (12/2/2010).



Plate 13 – Hydrotherapy pool building located to the northeast of the residential dwelling. Frame looking northeast (12/2/2010).



Plate 14 – Residential dwelling fronting Crown Street (360 Crown St) located in the southeastern corner of the site. Frame looking northeast (12/2/2010).



Plate 15 – Metal shed located to the north of the residence in Plate 14. Frame looking northeast (12/2/2010).



Plate 16 – Car parking area to the north of the residence at 360 Crown Street (Plate 14). Frame looking northeast (12/2/2010).



Plate 17 – Driveway entrance on Crown Street. Frame looking south toward Crown Street (12/2/2010).



Plate 18 – Driveway entrance from Urunga Parade. Frame looking south toward the site (12/2/2010).



Plate 19 – Bitumen sealed driveway in the western portion of the site. Frame looking west (21/2/2010).

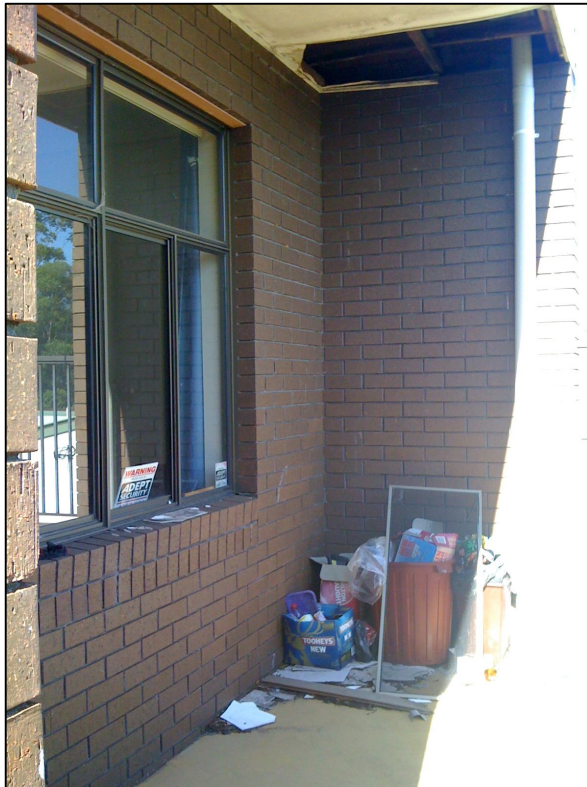


Plate 20 – Sample ACM1 collected from loose fibrous cement sheeting which had fallen from the eaves of the nursing home building. Frame looking southwest (12/2/2010).



Plate 21 – Residential dwelling at 9 Urunga Parade. Frame looking southeast (12/2/2010).



Plate 22 – Rear yard of 9 Urunga Parade. Frame looking northwest (12/2/2010).



Plate 23 – Residential dwelling (2 units) at 11 Urunga Parade showing two garages. Frame looking south (12/2/2010).

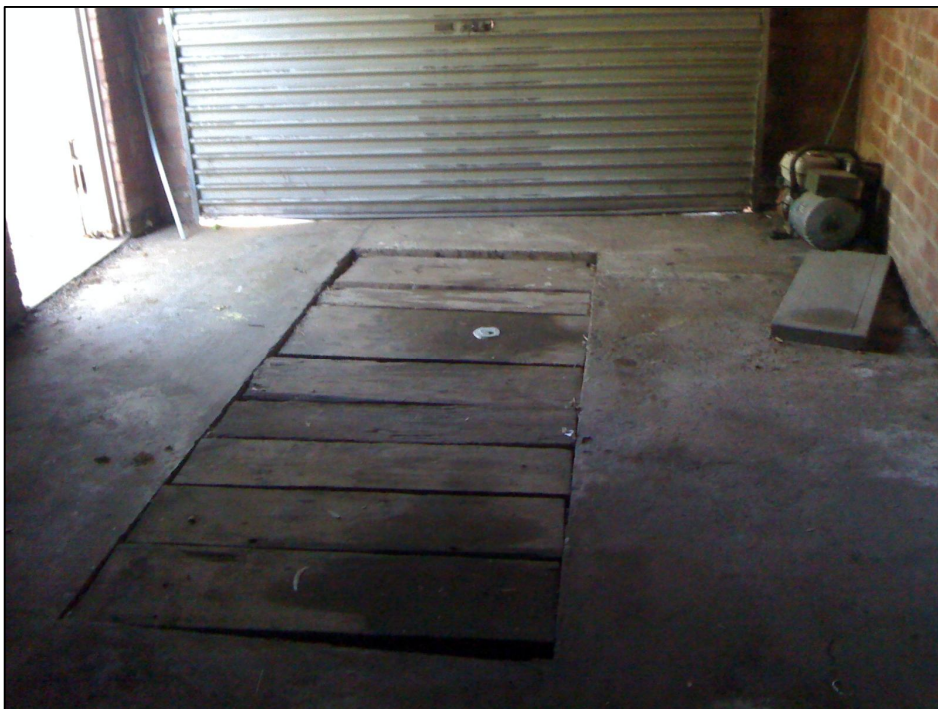


Plate 24 – Inground pit within the western garage of 11 Urunga Parade. Frame looking north (12/2/2010).

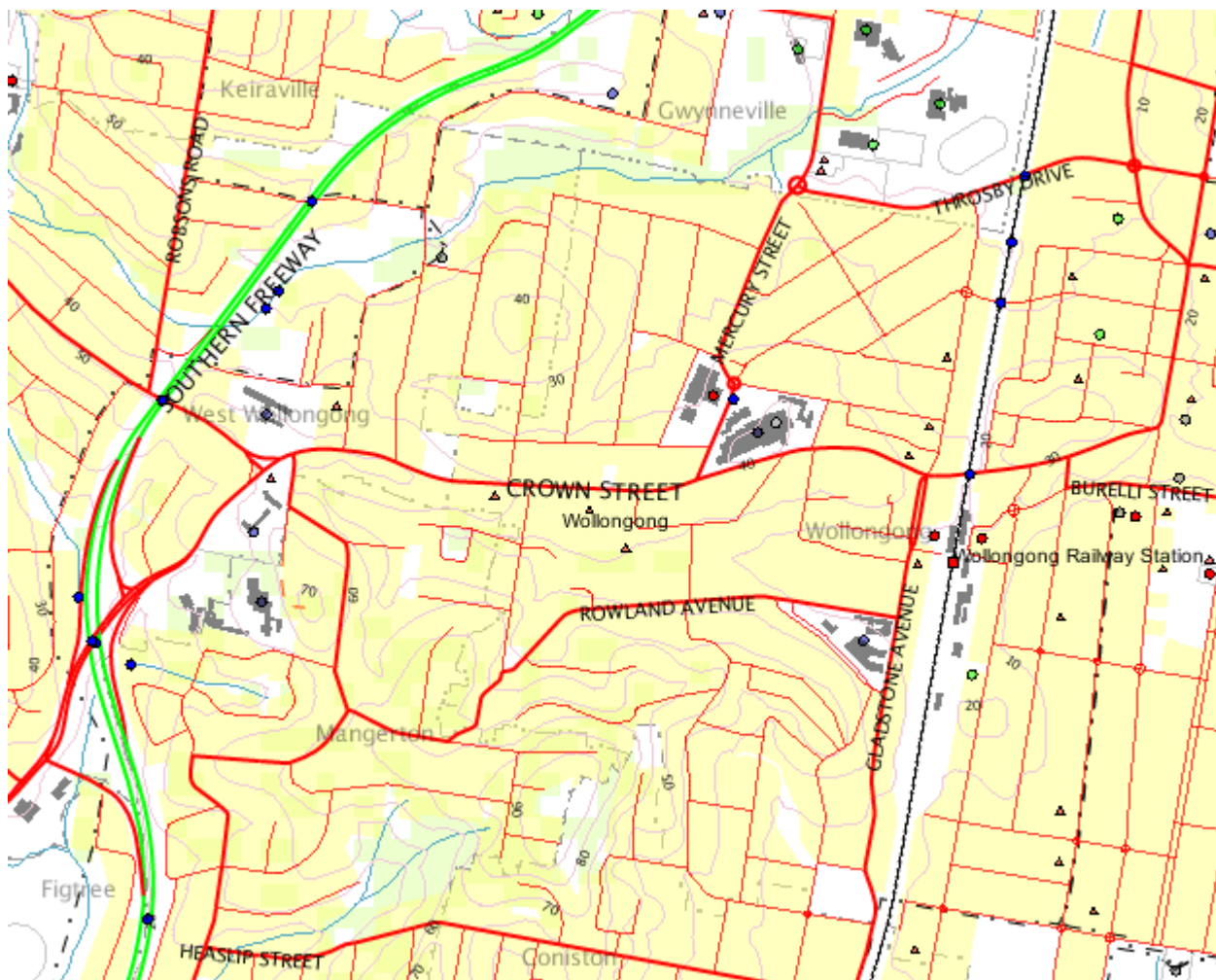
ATTACHMENT B

Groundwater Bore Information

Wollongong

Map created with NSW Natural Resource Atlas - <http://www.test.nratlas.nsw.gov.au>

Thursday, February 11, 2010



0

2 Km

Legend

Symbol	Layer	Custodian
	Cities and large towns Cannot build image from features	
	Groundwater bores	
	Catchment Management Authority boundaries	
	Major rivers	
	Primary/arterial road	
	Motorway/freeway	
	Railway	
	Runway	
	Contour	
	Background	
	Topographic base map	

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ATTACHMENT C

Title Documents

ADVANCE LEGAL SEARCH PTY LIMITED

(ACN 077 067 068)

ABN 49 077 067 068

PO Box 149
Yagoona NSW 2199

Telephone: +612 9754 1590
Mobile: 0412 169 809
Facsimile: +612 9754 1364
Email: alsearch@optusnet.com.au

01st February 2010

GEO_LOGIX PTY LTD

Unit 2309/4 Daydream Street,

WARRIEWOOD NSW, 2102

Attention: Kelly Weir

RE:

**9 Urunga Parade, Wollongong
11 Urunga Parade, Wollongong
360-364 Crown Street, Wollongong
Purchase Order No CB 380121**

**Note 1: Lot 53 Section 1 DP 5507
Note 2: Lot A DP381246
Note 3: Lot 1 DP 565056
Note 4: Lot 7 DP 661166**

Note 1:

Current Search

Folio Identifier 53/1/5507 (title attached)

DP 5507 (plan attached)

Dated 27th January 2010

Registered Proprietor:

AA CROWN HOLDINGS PTY LIMITED

Title Tree

Lot 53 Section 1 DP 5507

Folio Identifier 53/1/5507

Certificate of Title Volume 3879 Folio 110

Certificate of Title Volume 1986 Folio 203

Summary of proprietor(s)

Lot 53 Section 1 DP 5507

Year	Proprietor
	(Lot 53 Section 1 DP 5507)
2007 – todate	AA Crown Holdings Pty Limited
2005 – 2007	Linezone Holdings Pty Limited
2005 – 2005	Robert Bruce Hearn Philip Neil Hearn
1999 – 2005	Thomas William Hearn
1990 – 1999	Jean Hearn, married woman
	(Lot 53 Section 1 DP 5507 – Area 23 ½ Perches – CTVol 3879 Fol 110)
1970 – 1990	Jean Hearn, married woman
1967 – 1970	William Samuel Beynon, factory worker Richard William Beynon, flat proprietor
1929 – 1967	Richard Henry Beynon, labourer
1926 – 1929	Desmond Eric Hurt, painter Alice Hurt
	(Lots 4 & 53 Section 1 DP 5507 – Area 1 Rood 7 ½ Perches – CTVol 1986 Fol 203)
1925 – 1926	Desmond Eric Hurt, painter Alice Hurt
1925 – 1925	Ruby Ellen Robinson
1920 – 1925	Mark Sidney Robinson, painter Ruby Ellen Robinson
1909 – 1920	Adeline Massey, wife of fisherman

Note 2:**Current Search**

Folio Identifier A/381246 (title attached)
 DP 381246 (plan attached)
 Dated 27th January 2010
 Registered Proprietor:
AA CROWN HOLDINGS PTY LIMITED

Title Tree
Lot A DP 381246

Folio Identifier A/381246

Certificate of Title Volume 6740 Folio 64

(a)

CTVol 2010 Folio 173

(b)

CTVol 2189 Folio 125

**Summary of proprietor(s)
Lot A DP 381246**

Year	Proprietor
	(Lot A DP 381246)
2008 – todate	AA Crown Holdings Pty Limited
1989 – 2008	Henrique Da Costa Viera Maria Adriana Xavier Viera
	(Lot A DP 381246 – Area 19 Perches – CTVol 6740 Fol 64)
1984 – 1989	Henrique Da Costa Viera Maria Adriana Xavier Viera
1981 – 1984	John Christopher Ford Donald Grayson Mackay
1953 – 1981	Colin Stanley Lord, clerk
1953 – 1993	Alwyn Merton Hanlon, school teacher Megan Florida Hanlon

See Notes (a) and (b)

Note (a)

	(Lot 51 Section 1 DP 5507 – Area 23 ½ Perches – CTVol 2010 Fol 173)
1924 – 1953	Margaret Cram, spinster Martha Cram, spinster
1924 – 1924	Frederick Harold Hart, colliery worker
1921 – 1924	Mary Ann Hart, wife of groom
1909 – 1921	The Council of the Municipality of Wollongong

Note (b)

	(Lot 52 Section 1 DP 5507 – Area 23 ½ Perches – CTVol 2189 Fol 125)
1924 – 1953	Margaret Cram, spinster Martha Cram, spinster
1924 – 1924	Frederick Harold Hart, colliery worker
1921 – 1924	Mary Ann Hart, wife of groom
1911 – 1921	The Council of the Municipality of Wollongong

Note 3:**Current Search**

Folio Identifier 1/565056 (title attached)
 DP 565056 (plan attached)
 Dated 27th January 2010
 Registered Proprietor:
AA CROWN HOLDINGS PTY LIMITED

Title Tree
Lot 1 DP 565056

Folio Identifier 1/565056

Certificate of Title Volume 12259 Folio 206

(a)

CTV 3879 Folio 67

CTV 1986 Folio 203

(b)

CTV 6740 Folio 62

See Notes (bi), (bii), (biii) & (biv)

(bi)

CTVol 2010 Fol 173

(biii)

CTVol 2270 Fol 122

(bii)

CTVol 2189 Fol 125

(biv)

CTVol 2670 Fol 117

Summary of proprietor(s)
Lot 1 DP 565056

Year	Proprietor
	(Lot 1 DP 565056)
2007 – todate	AA Crown Holdings Pty Limited
2004 – 2007	The Cram Foundation
1988 – 2004	The Illawarra Society for Crippled Children
	(Lot 1 DP 565056 – CTVol 12259 Fol 206)
1979 – 1988	The Illawarra Society for Crippled Children
1973 – 1979	Joseph Stephen Gordon Worland, retired surveyor Gordon Arthur Rogers, accountant John Joseph Wilson Guest, garage proprietor

See Notes (a) and (b)

Note (a)

	(Lot 4 Section 1 DP 5507 – Area 24 Perches – CTVol 3879 Fol 67)
1970 – 1973	Joseph Stephen Gordon Worland, retired surveyor Gordon Arthur Rogers, accountant John Joseph Wilson Guest, garage proprietor
1970 – 1970	Joseph Stephen Gordon Worland, retired surveyor Robert Inglis Taylor, veterinary surgeon Gordon Arthur Rogers, accountant
1967 – 1970	Bernard John Bennis, manager
1967 – 1967	William Samuel Beynon, factory worker Richard William Beynon, flat proprietor
1951 – 1967	Richard Henry Beynon, labourer
1926 – 1951	Mary Anne Hurt, spinster
	(Lots 4 & 53 Section 1 DP 5507 – Area 1 Rood 7 ½ Perches – CTVol 1986 Fol 203)
1925 – 1926	Desmond Eric Hurt, painter Alice Hurt
1925 – 1925	Ruby Ellen Robinson
1920 – 1925	Mark Sidney Robinson, painter Ruby Ellen Robinson
1909 – 1920	Adeline Massey, wife of fisherman

Note (b)

	(Lot B DP 381246 – Area 1 Rood 39 Perches – CTVol 6740 Fol 62)
1970 – 1973	Joseph Stephen Gordon Worland, retired surveyor Gordon Arthur Rogers, accountant John Joseph Wilson Guest, garage proprietor
1968 – 1970	Joseph Stephen Gordon Worland, retired surveyor Robert Inglis Taylor, veterinary surgeon Gordon Arthur Rogers, accountant
1967 – 1968	Ralph Kendle Black, works manager Herbert Arthur Found, purchasing officer
1963 – 1967	Martha Cram, spinster
1953 – 1963	Martha Cram, spinster Margaret Cram, spinster

See Notes (bi), (bii), (biii) & (biv)

Note (bi)

	(Lot 51 Section 1 DP 5507 – Area 23 ½ Perches – CTVol 2010 Fol 173)
1924 – 1953	Margaret Cram, spinster Martha Cram, spinster
1924 – 1924	Frederick Harold Hart, colliery worker
1921 – 1924	Mary Ann Hart, wife of groom
1909 – 1921	The Council of the Municipality of Wollongong

Note (bii)

	(Lot 52 Section 1 DP 5507 – Area 23 ½ Perches – CTVol 2189 Fol 125)
1924 – 1953	Margaret Cram, spinster Martha Cram, spinster
1924 – 1924	Frederick Harold Hart, colliery worker
1921 – 1924	Mary Ann Hart, wife of groom
1911 – 1921	The Council of the Municipality of Wollongong

Note (biii)

	(Lot 5 Section 1 DP 5507 – Area 24 ¾ Perches – CTVol 2270 Fol 122)
1924 – 1953	Margaret Cram, spinster Martha Cram, spinster
1912 – 1924	Frederick Hart, horse keeper

Note (biv)

	(Lot 6 Section 1 DP 5507 – Area 25 ¾ Perches – CTVol 2670 Fol 117)
1924 – 1953	Margaret Cram, spinster Martha Cram, spinster
1924 – 1924	Frederick Harold Hart, colliery worker
1921 – 1924	Mary Ann Hart, wife of groom
1916 – 1921	Lily Elizabeth Rea, spinster

Note 4:**Current Search**

Folio Identifier 7/661166 (title attached)
DP 661166 (plan attached)
Dated 27th January 2010
Registered Proprietor:
AA CROWN HOLDINGS PTY LIMITED

Title Tree
Lot 7 DP 661166

Folio Identifier 7/661166

Certificate of Title Volume 7578 Folio 211

Certificate of Title Volume 5114 Folio 18

Certificate of Title Volume 4214 Folio 231

Certificate of Title Volume 2471 Folio 248

Certificate of Title Volume 2254 Folio's 122 and 123

Summary of proprietor(s)
Lot 7 DP 661166

Year	Proprietor
	(Lot 7 DP 661166)
2007 – todate	AA Crown Holdings Pty Limited
2004 – 2007	The Cram Foundation
1996 – 2004	The Illawarra Society for Crippled Children
	(Part Lot 7 Section 1 DP 5507 – Area 1 Rood 11 Perches – CTVol 7578 Fol 211)
1988 – 1996	The Illawarra Society for Crippled Children
<i>(1979 – 1988)</i>	<i>(lease to The Illawarra Society for Crippled Children)</i>
1974 – 1988	The Minister for Education
1973 – 1974	Riana Pty Limited Casben Industries Pty Limited
1958 – 1973	James Wilson-Greene, designer draughtsman Joan Wilson-Greene
	(Part Lot A DP 341609 and part Lots 7, 49 and 50 Section 1 DP 5507 – Area 1 Rood 36 ½ Perches – CTVol 5114 Fol 18)
1954 – 1958	Edward John Byron, newsagent Thomas Reginald Byron, shoe shop proprietor
1940 – 1954	John Byron, contractor
	(Lot 50 and part Lots 49 and 7 Section 1 DP 5507 – Area 2 Roods 17 ¾ Perches – CTVol 4214 Fol 231)
1928 – 1940	John Byron, contractor
	(Lots 7, 49 and 50 Section 1 DP 5507 – Area 2 Roods 20 ¾ Perches – CTVol 2471 Fol 248)
1914 – 1928	John Byron, contractor

Cadastral Records Enquiry Report

Ref : BOX 97 - WOLLONGONG

Requested Parcel : Lot 1 DP 565056

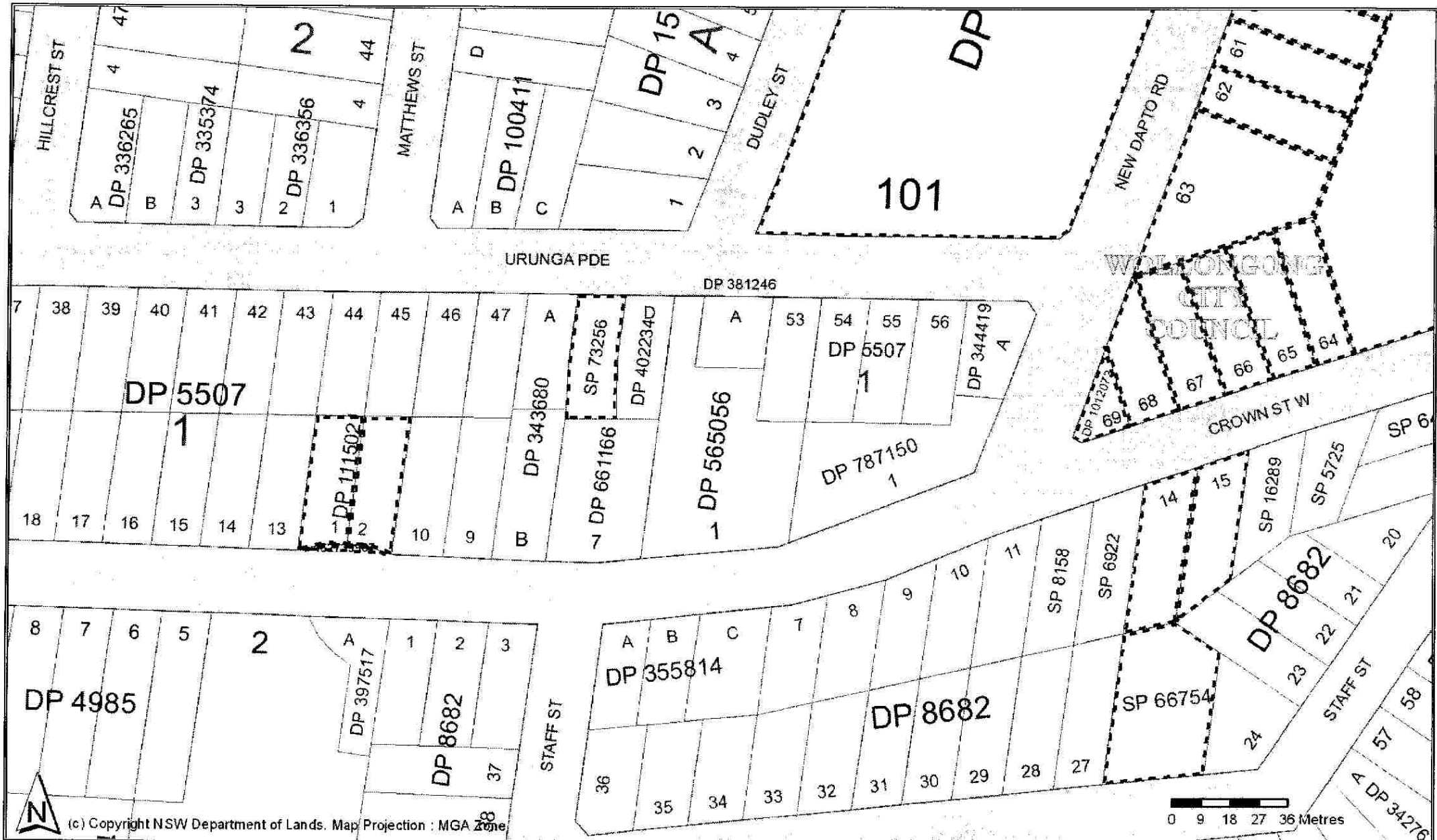
Identified Parcel : Lot 1 DP 565056

Locality : WOLLONGONG

LGA : WOLLONGONG

Parish : WOLLONGONG

County : CAMDEN



PLAN OF

LOT B IN ~~DP 381246~~ &
LOT 4 SEC. 1 IN DP 5507

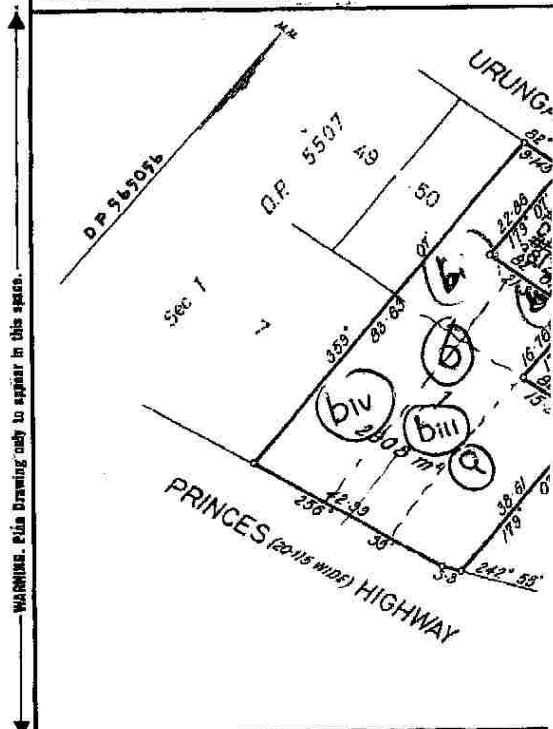
Mon./Dist./City Wollongong

2 Town or Locality Wollongong

Parish Wollongong

County Camden

Lengths are in metres
Scale: 1 : 800



Signatures, Seals and Statements of intention to dedicate public roads or pub
reservoirs or create drainage reservoirs, easements, or restrictions as to user.

J. J. G. 1970
 12th Sept 1971
 20th Sept 19

ॐ नमो भगवते वासुदेवाय

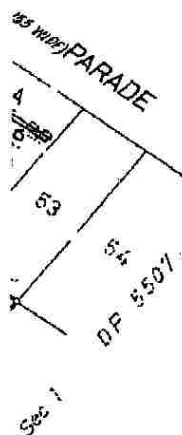
029

D.P. 565056	
Registered:	22-10-1973
CA. No.	4013 OF 31-B-1972
Title System:	TORRENS
Purpose:	CONSOLIDATION
Ref. Map:	WOLLONGONG SH 5
Last Plan:	D.P. 5507*

OFFICE USE ONLY

N 0 1 0 1 K 1 B

WARNING: Plan Drawing may to appear in this space.



Francis Christopher Callery
 of R.F. Williams & Assoc. PO Box 1477, Wollongong
 a surveyor registered under the Surveyors Act, 1929, as amended,
 hereby certify that the survey represented in this plan was completed
 under D.P. 5507 & 5508 & 5509, in accordance with the provisions of
 the Survey Practice Regulations, 1924, and was completed on
31st August 1972

Signature [Signature]
 Surveyor Registered under Surveyors Act, 1929, as amended,
 Depon Liba of Assent.

*Strike out either (1) or (2). Insert date of survey.

Council Clerk's Certificate.
 I hereby certify that—
 (a) the requirements of the Local Government Act, 1919 (after
 that the requirements for the registration of plans), and
 (b) the requirements of section 248 of the (Metropolitan Water,
 Sewerage, and Drainage Act), 1924, as amended, (Water
 District Water, Sewerage, and Drainage Act, 1978, as
 amended,
 have been complied with by the applicant in relation to the proposed
Subdivision (insert "new road" or "subdivision")
 set out herein.

Subdivision No. 4013
 Date 31/8/1972 [Signature] Council Clerk.
 This part of certificate to be deleted where the application is only
 for the opening of a new road or where the land to be subdivided is
 wholly outside the areas of operation of the Metropolitan Water
 Sewerage and Drainage Board and the Water District Water Board.
 (Delete if inapplicable.)

SURVEYOR'S REFERENCE: 11676/8721

Jack Hayward Watson, Registrar General for New South Wales, certify
 this negative is a photograph made as a permanent record of a
 sent in my custody this 7th day of January, 1977.

[Signature]



Information Provided Through
Advance Legal Search Pty Ltd
Ph. 0297541590 Fax. 0297541364

Title Search

LEAP Legal
An Approved LPI NSW
Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 53/1/5507

SEARCH DATE -----	TIME ----	EDITION NO -----	DATE -----
27/1/2010	6:05 PM	4	27/12/2007

LAND

LOT 53 OF SECTION 1 IN DEPOSITED PLAN 5507
AT WOLLONGONG
LOCAL GOVERNMENT AREA WOLLONGONG
PARISH OF WOLLONGONG COUNTY OF CAMDEN
TITLE DIAGRAM DP5507

FIRST SCHEDULE

AA CROWN HOLDINGS PTY LIMITED

(T AD664336)

SECOND SCHEDULE (2 NOTIFICATIONS)

1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
2 533074 COVENANT

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

Geo_logix - Wollongong ALSP

PRINTED ON 27/1/2010

* ANY ENTRIES PRECEDED BY AN ASTERISK DO NOT APPEAR ON THE CURRENT EDITION OF TITLE WARNING: THE INFORMATION APPEARING UNDER NOTATIONS HAS NOT BEEN FORMALLY RECORDED IN THE REGISTER. ADVANCE LEGAL SEARCH PTY LTD CERTIFIES THAT THE INFORMATION CONTAINED IN THIS DOCUMENT HAS BEEN PROVIDED ELECTRONICALLY BY THE REGISTRAR-GENERAL IN ACCORDANCE WITH SECTION 96B(2) OF THE REAL PROPERTY ACT, 1900.

Information Provided Through
Advance Legal Search Pty Ltd
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Historical Search

LEAP Legal
An Approved LPI NSW
Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

27/1/2010 6:12PM

FOLIO: 53/1/5507

First Title(s): SEE PRIOR TITLE(S)
Prior Title(s): VOL 3879 FOL 110

Recorded	Number	Type of Instrument	C.T. Issue
17/9/1989		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
26/7/1990		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
15/12/1999	6426840	TRANSMISSION APPLICATION ✕	EDITION 1
26/5/2005	AB505965	TRANSMISSION APPLICATION	EDITION 2
28/6/2005	AB579979	TRANSFER ✕	EDITION 3
27/12/2007	AD664336	TRANSFER	EDITION 4

*** END OF SEARCH ***

Geo_logix - Wollongong ALSP

PRINTED ON 27/1/2010

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Form: 01T
Release: 2.1
www.lpi.nsw.gov.au

TRANSFER

New South Wales
Real Property Act 1900



AB579979K

PRIVACY NOTE: this information is legally required and will become part of the public record

STAMP DUTY

Office of State Revenue use only NSW Treasury W14 VENDOR DUTY ENDORSED ID: 2736005	NEW SOUTH WALES DUTY 17-05-2005 0002663846-001 SECTION 18(2) DUTY \$ *****2.00
---	---

(A) TORRENS TITLE

IDENTIFIER: 53/1/5507

(B) LODGED BY

Delivery Box 28A	Name, Address or DX and Telephone LLPN: THOMSON 124247U LAWPOINT GALLOWAYS Phone: (02) 9233 1011 DX 340 SYDNEY Reference: <u>ACCESS / Linezone</u>	CODES T TW (Sheriff)
----------------------------	--	---

(C) TRANSFEROR

ROBERT BRUCE HEARN AND PHILIP NEIL HEARN

(D) **CONSIDERATION** The transferor acknowledges receipt of the consideration of \$ 489,000.00 and as regards

(E) **ESTATE** the land specified above transfers to the transferee an estate in fee simple

(F) **SHARE TRANSFERRED**

(G) **Encumbrances (if applicable):**

(H) TRANSFEREE

LINEZONE HOLDINGS PTY LTD ACN 112 861 873

(I)

TENANCY:

(J) DATE

21.6.2005

I certify that the person(s) signing opposite, with whom I am personally acquainted or as to whose identity I am otherwise satisfied, signed this instrument in my presence.

Certified correct for the purposes of the Real Property Act 1900 by the transferor.

Signature of witness:

Anna Masi

Name of witness:

Anna Masi

Address of witness:

463 Market St
Wollongong

Signature of transferor:

Robert Hearn

Philip Hearn

Certified for the purposes of the Real Property Act 1900 by the person whose signature appears below.

Signature:

Michael John Dyson

Signatory's name:

MICHAEL JOHN DYSON

Signatory's capacity:

transferee's solicitor

Ref:ALSP /Src:M

Form: 97-03TA

Licence: 10V/0894/98

Edition: 9804

**TRANSMISSION
APPLICATION**New South Wales
Section 93 Real Property Act 190

6426840A

**STAMP DUTY**

Office of State Revenue use only

NEW SOUTH WALES DUTY

10-12-1999

0000181039-002

SECTION 57

DUTY

\$ *****10.00

(A) TORRENS TITLE

Volume 3879 Folio 110

BEING 53/1/5507

**(B) REGISTERED
DEALING**

If applicable

(C) LODGED BY

LTO Box

Name, Address or DX and Telephone

LLOWAY & CO.

(2) 9233 1011 Fax: (02) 9232 6494

40, SYDNEY L.T.O. Building 28A

CODE

28A

Reference (optional):

Hearns - Hearn

TA

**(D) DECEASED
REGISTERED
PROPRIETOR**

JEAN HEARN

(E) APPLICANT

THOMAS WILLIAM HEARN

S

(F) I, the applicant, being entitled as BENEFICIARY of the will/estate of the deceased registered proprietor (who died on 7 AUGUST 1999) pursuant to probate/letters of administration No. 117997/99 granted on 26/11/99 to THOMAS WILLIAM HEARN apply to be registered as proprietor of the estate or interest of the deceased registered proprietor in the land/registered dealing specified above.

(G) We certify this application correct for the purposes of the Real Property Act 1900. **DATE:**

Signed in my presence by the applicant who is personally known to me.

Signature of witness:

A.M. JNTRE

Signature of applicant:

W. Hearn

Name of witness:

A.M. JNTRE

Address of witness:

SOLICITOR WILSON & CO.

(H) CONSENT OF EXECUTOR OR ADMINISTRATORI, THOMAS WILLIAM HEARN

executor of the will/administrator of the estate of the deceased registered proprietor, hereby consent to this application.

Signature of witness:

A.M. JNTRE

Signature of executor/administrator:

W. Hearn

Name of witness:

A.M. JNTRE

Address of witness:

SOLICITOR WILSON & CO.

All handwriting must be in block capitals.
A set of notes on this form (97-03TA-2)
is available from the Land Titles Office.

CT SIGHTED
CANC. & RET.
2/12/99

Page 1 of

LTO use- ✓

Evidence sighted & returned:

Checked by:

100/7/99

Information Provided Through
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Title Search

LEAP Legal
An Approved LPI NSW
Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: A/381246

SEARCH DATE	TIME	EDITION NO	DATE
-----	----	-----	-----
27/1/2010	6:08 PM	1	24/9/2008

LAND

LOT A IN DEPOSITED PLAN 381246
AT WOLLONGONG
LOCAL GOVERNMENT AREA WOLLONGONG
PARISH OF WOLLONGONG COUNTY OF CAMDEN
TITLE DIAGRAM DP381246

FIRST SCHEDULE

AA CROWN HOLDINGS PTY LIMITED (T AE230760)

SECOND SCHEDULE (4 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 542493 COVENANT AFFECTING THE PART SHOWN SO BURDENED IN
THE TITLE DIAGRAM.
- 3 624309 COVENANT AFFECTING THE PART SHOWN SO BURDENED IN
THE TITLE DIAGRAM.
- 4 F866717 COVENANT

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

Geo_logix - Wollongong ALSP

PRINTED ON 27/1/2010

* ANY ENTRIES PRECEDED BY AN ASTERISK DO NOT APPEAR ON THE CURRENT EDITION OF TITLE. WARNING: THE INFORMATION APPEARING UNDER NOTATIONS HAS NOT BEEN
FORMALLY RECORDED IN THE REGISTER. ADVANCE LEGAL SEARCH PTY LTD CERTIFIES THAT THE INFORMATION CONTAINED IN THIS DOCUMENT HAS BEEN PROVIDED
ELECTRONICALLY BY THE REGISTRAR-GENERAL IN ACCORDANCE WITH SECTION 96B(2) OF THE REAL PROPERTY ACT, 1900.

Information Provided Through
Advance Legal Search Pty Ltd
Ph. 0297541590 Fax. 0297541364

Historical Search

LEAP Legal
An Approved LPI NSW
Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

27/1/2010 6:13PM

FOLIO: A/381246

First Title(s): SEE PRIOR TITLE(S)
Prior Title(s): VOL 6740 FOL 64

Recorded	Number	Type of Instrument	C.T. Issue
2/9/1989		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
28/11/1989		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
24/9/2008	AE230760	TRANSFER	EDITION 1

*** END OF SEARCH ***

Geo_logix - Wollongong ALSP

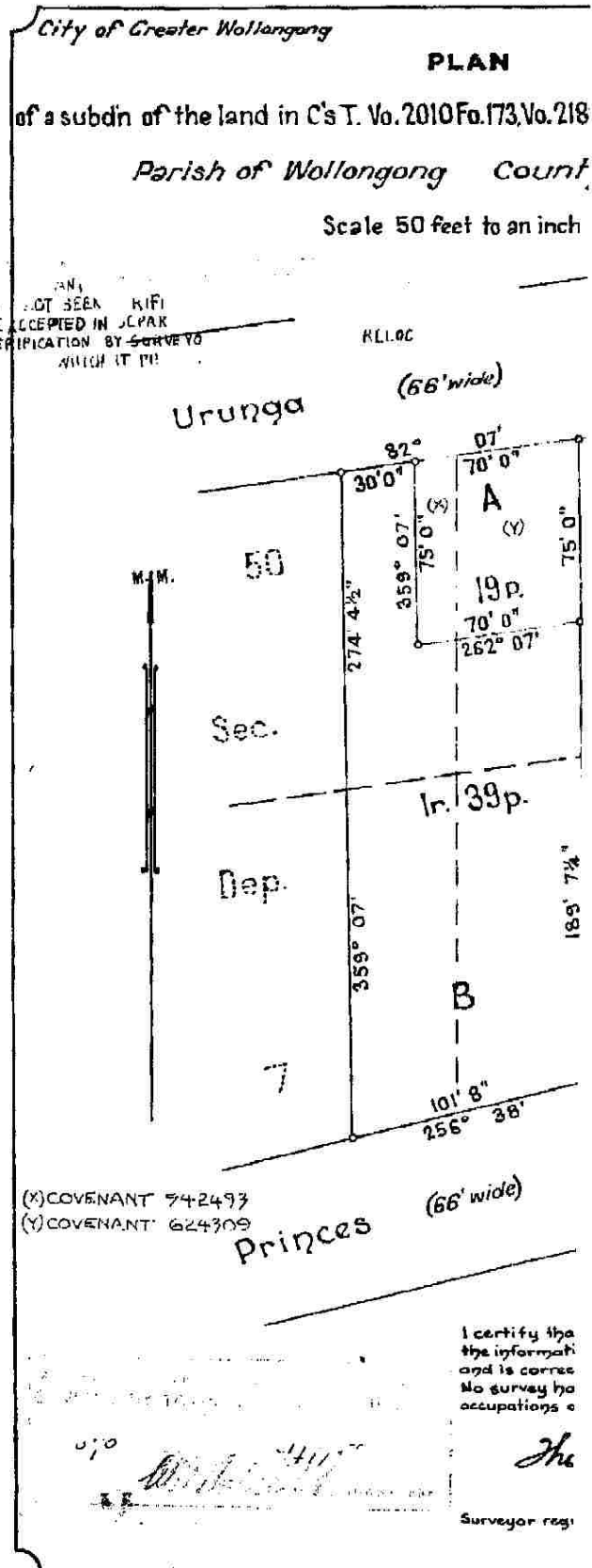
PRINTED ON 27/1/2010

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AMENDMENTS AND/OR ADDITIONS MADE ON PLAN IN THE LAND TITLES OFFICE											
10	20	30	40	50	60	70	Table of mm	110	120	130	140

This negative is a photograph made as a permanent record of a document in the custody of the Registrar General this day.

7th DECEMBER, 1989



FP 381246

MPS (R.P.)

F808700

125, Va. 2270 Fa. 122 Va. 2670 Fa. 117

of Camden

Parade

R.P.

53

S

P

M

5507

4

39' 4 1/2"

highway

is plan has been compiled from
shown on Deposited Plan 5507

any made and there are no
line of subdivision.

as Brown.

red under the Surveyors Act, 1928.

15.7.50

PLAN DEPOSED S.L.T.O. 6-12-1989

This is the plan marked " " referred to in

Dated



CONVERSION TABLE ADDED IN
DEPARTMENT OF LANDS

DP 381246

FEET	INCHES	METRES
-	1 1/4	0.032
1	-	0.305
3	-	0.914
7	-	2.134
10	-	3.048
30	-	9.144
39	4 1/2	12.002
39	4 3/4	12.008
66	-	20.117
70	-	21.336
75	-	22.860
101	8	30.988
189	7 1/4	57.791
274	4 1/2	83.630
18960	1 1/4	5779.040

AC	RD	P	SQ M
-	-	19	480.6
-	1	39	1998

20193(4)

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Title Search

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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 1/565056

SEARCH DATE	TIME	EDITION NO	DATE
27/1/2010	6:09 PM	2	9/1/2007

LAND

LOT 1 IN DEPOSITED PLAN 565056
LOCAL GOVERNMENT AREA WOLLONGONG
PARISH OF WOLLONGONG COUNTY OF CAMDEN
TITLE DIAGRAM DP565056

FIRST SCHEDULE

AA CROWN HOLDINGS PTY LIMITED (T AC858632)

SECOND SCHEDULE (2 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 AC858633 MORTGAGE TO NATIONAL AUSTRALIA BANK LIMITED

NOTATIONS

AA501351 NOTE: THE PRINT QUALITY OF THE CERTIFICATE OF TITLE, ISSUED IN JANUARY 2004, MAY BE DEFICIENT. IF THE PRINT QUALITY IS AT ISSUE PLEASE CONTACT CUSTOMER SERVICES CENTRE, LAND AND PROPERTY INFORMATION DIVISION, PH. (02) 9228 6713.

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

Geo_logix - Wollongong ALSP

PRINTED ON 27/1/2010

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Information Provided Through
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Historical Search

LEAP Legal
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Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

27/1/2010 6:14PM

FOLIO: 1/565056

First Title(s): SEE PRIOR TITLE(S)
Prior Title(s): VOL 12259 FOL 206

Recorded	Number	Type of Instrument	C.T. Issue
28/3/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
2/8/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
20/1/2004	AA346837	CHANGE OF NAME	EDITION 1
21/3/2004	AA501351	DEPARTMENTAL DEALING	
9/1/2007	AC858632	TRANSFER X	
9/1/2007	AC858633	MORTGAGE	EDITION 2

*** END OF SEARCH ***

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PRINTED ON 27/1/2010

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Information Provided Through
Advance Legal Search Pty Ltd
Ph. 0297541590 Fax. 0297541364

Title Search

LEAP Legal
An Approved LPI NSW
Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 7/661166

SEARCH DATE	TIME	EDITION NO	DATE
27/1/2010	6:09 PM	2	9/1/2007

LAND

LOT 7 IN DEPOSITED PLAN 661166
LOCAL GOVERNMENT AREA WOLLONGONG
PARISH OF WOLLONGONG COUNTY OF CAMDEN
TITLE DIAGRAM DP661166

FIRST SCHEDULE

AA CROWN HOLDINGS PTY LIMITED (T AC858632)

SECOND SCHEDULE (1 NOTIFICATION)

1 AC858633 MORTGAGE TO NATIONAL AUSTRALIA BANK LIMITED

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

Geo_logix - Wollongong ALSP

PRINTED ON 27/1/2010

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B97

/Req: B546139
/Doc: CT 12259-206
/Prt: 28-Jan-2010



CERTIFICATE OF TITLE

PROPERTY ACT, 1900



12259-206

Appln No. 12255

Prior Titles Vol.3879 Fol.67
Vol.6740 Fol.62

Vol. 12259 Fol. 206

Cancelled 6-11-1973.
CANCELLED



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 encumbrances and interests as are shown in the Second Schedule.

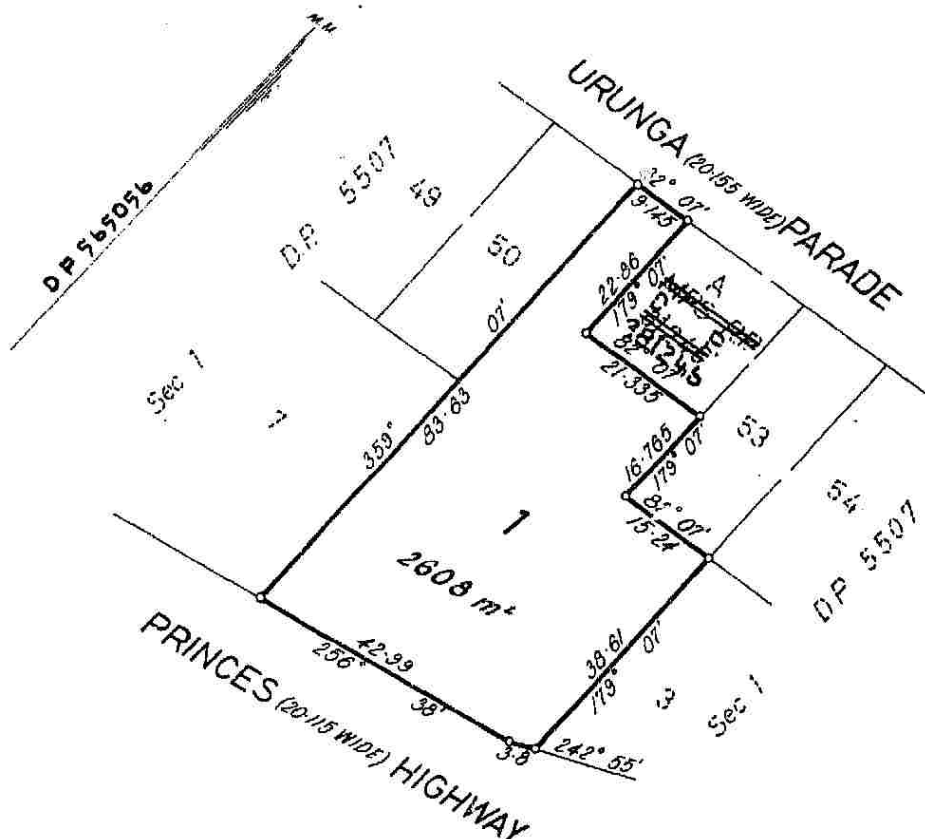
SEE AUTO FOLIO
Jawatson

Registrar General.



PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METRES



ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lot 1 in Deposited Plan 565056 in the City of Wollongong Parish of Wollongong and County of Camden being part of Portion 48 granted to John Osborne on 19-10-1831.

FIRST SCHEDULE

~~JOSEPH STEPHEN GORDON WORLAND of Wollongong, Retired Surveyor, GORDON ARTHUR ROGERS of Depto, Accountant and JOHN JOSEPH WILSON GUEST of Wollongong, Garage Owner as Joint Tenants.~~

SECOND SCHEDULE

GR 1. Reservations and conditions, if any, contained in the Crown Grant above referred to.

Jawatson
Registrar General

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

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

WARNING: THIS DOCUMENT MUST NOT BE REMOVED FROM THE LAND TITLES OFFICE

R210047TeR

FIRST SCHEDULE (continued)[illegible]**SECOND SCHEDULE (continued)**[illegible]

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

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Historical Search

LEAP Legal
An Approved LPI NSW
Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

27/1/2010 6:14PM

FOLIO: 7/661166

First Title(s): OLD SYSTEM

Prior Title(s): VOL 7578 FOL 211

Recorded	Number	Type of Instrument	C.T. Issue
14/3/1996		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
30/1/2004	AA369464	CHANGE OF NAME	EDITION 1
9/1/2007	AC858632	TRANSFER	
9/1/2007	AC858633	MORTGAGE	EDITION 2

*** END OF SEARCH ***

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PRINTED ON 27/1/2010

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Form: 01T
Release: 3.1
www.lands.nsw.gov.au

2

TRANSFER

New South Wales
Real Property Act 1900



AC858632W

PRIVACY NOTE: Section 31B of the Real Property Act 1900 (RP Act) authorises the Registrar General to collect the information required by this form for the establishment and maintenance of the Real Property Act Register. Section 96B RP Act requires that the Register is made available to any person for search upon payment of a fee, if any.

NEW SOUTH WALES DUTY

STAMP DUTY

Office of State Revenue use only

19-12-2006

0003952856-001

SECTION 18(2)

DUTY

\$ *****2.00

(A) **TORRENS TITLE**

Folio Identifiers 1/565056 & 7/661166

(B) **LODGED BY**

Document
Collection
Box

45A

Name, Address or DX and Telephone

LLPN: 123011G

Reference: 07AC22101

National Australia Bank
197 Prospect Highway
SEVEN HILLS NSW 2147
Box 45A

CODES

T

TW

(Sheriff)

(C) **TRANSFEROR**

THE CRAM FOUNDATION A.C.N. 001 327 519

(D) **CONSIDERATION**

The transferor acknowledges receipt of the consideration of \$ 4,050,000.00 and as regards

(E) **ESTATE**

the land specified above transfers to the transferee an estate in fee simple

(F) **SHARE**

TRANSFERRED

(G)

Encumbrances (if applicable):

(H) **TRANSFeree**

AA CROWN HOLDINGS PTY LIMITED ACN 122 563 133

(I)

TENANCY:

DATE 21/12/06

- (J) Certified correct for the purposes of the Real Property Act 1900 and executed on behalf of the corporation named below by the authorised person(s) whose signature(s) appear(s) below pursuant to the authority specified.

Corporation: THE CRAM FOUNDATION

A.C.N. 001 327 519

Authority: section 127 of the Corporations Act 2001

Signature of authorised person:

Signature of authorised person:

Name of authorised person:

Office held: Director

Name of authorised person:

Office held:

Certified correct for the purposes of the Real Property Act 1900 by the person whose signature appears below.

Signature:

Signatory's name:

Signatory's capacity:

David Charles Malouf

transferee's solicitor

1/565056 > OFF NB1 AA501351



D P 6 6 1 1 6 6

Registered: 14.3.1996

Title System: TORRENS

Purpose: DEPARTMENTAL

Ref. Map: W8285-61#

Last Plan: DP5507

THIS PLAN HAS BEEN CREATED
TO PROVIDE A UNIQUE IDENTIFIER
TO ENABLE THE ISSUE OF AN
AUTOMATED TORRENS TITLE
FOR THE LAND COMPRISED IN
FOLIO OF THE REGISTER
VOLUME 7578 FOLIO 211
FORMERLY KNOWN AS PART
LOT 7 OF SEC. 1 IN DP5507

Lengths are in metres.

Reduction Ratio : NOT TO SCALE

L.G.A.: WOLLONGONG

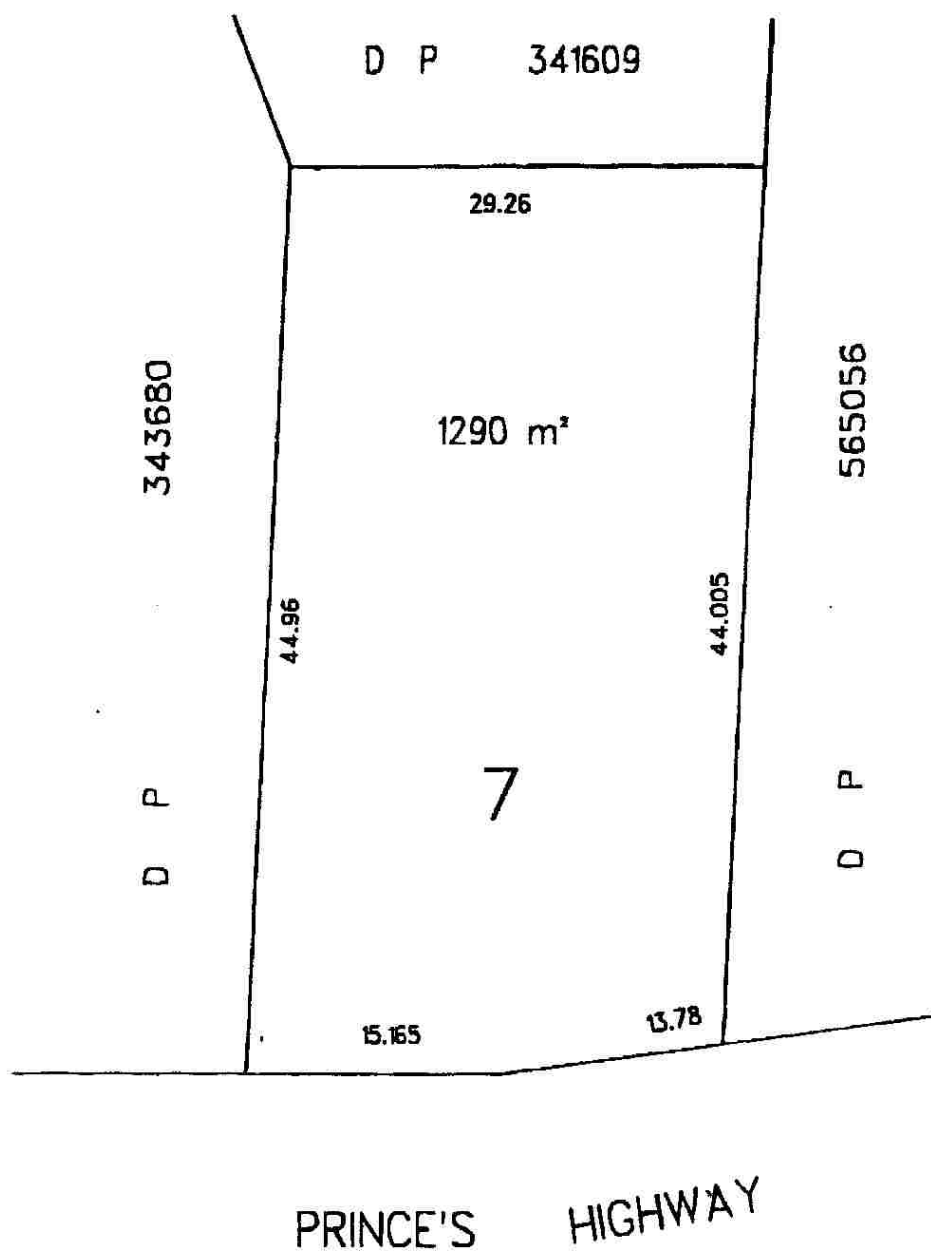
LOCALITY: .

PARISH: WOLLONGONG

COUNTY: CAMDEN

B
1
D
1
O
O
Z

G.D.B.



ATTACHMENT D

Aerial Photographs



GEO-LOGIX PTY LTD
UNIT 2309, 4 DAYDREAM STREET
WARRIEWOOD NSW 2102

Ph: (02) 9979 1722
Fax: (02) 9979 1222

AERIAL PHOTOGRAPH – 1951
AA Crown Holdings Pty Ltd Project

360-364 Crown Street and 9-11 Urunga Parade, Wollongong, NSW 2500

Project No. 1001005

Drawn: KW

Checked: BP

Date: 7/2/2010



GEO-LOGIX PTY LTD
UNIT 2309, 4 DAYDREAM STREET
WARRIEWOOD NSW 2102

Ph: (02) 9979 1722
Fax: (02) 9979 1222

AERIAL PHOTOGRAPH – 1961

AA Crown Holdings Pty Ltd Project

360-364 Crown Street and 9-11 Urunga Parade, Wollongong, NSW 2500

Project No. 1001005

Drawn: KW

Checked: BP

Date: 7/2/2010



GEO-LOGIX PTY LTD
UNIT 2309, 4 DAYDREAM STREET
WARRIEWOOD NSW 2102

Ph: (02) 9979 1722
Fax: (02) 9979 1222

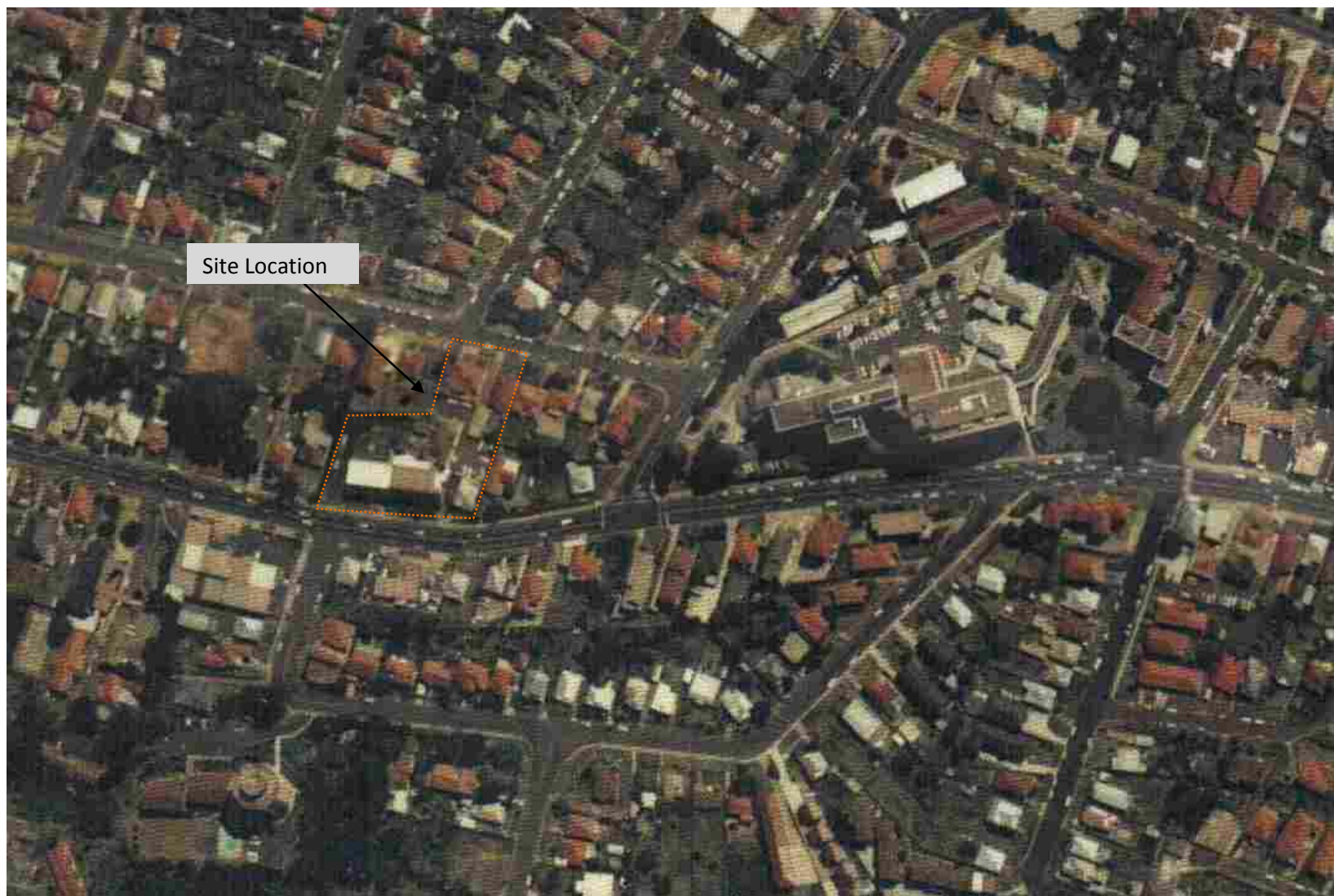
AERIAL PHOTOGRAPH – 1974
AA Crown Holdings Pty Ltd Project
360-364 Crown Street and 9-11 Urunga Parade, Wollongong, NSW 2500

Project No. 1001005

Drawn: KW

Checked: BP

Date: 7/2/2010



GEO-LOGIX PTY LTD
UNIT 2309, 4 DAYDREAM STREET
WARRIEWOOD NSW 2102

Ph: (02) 9979 1722
Fax: (02) 9979 1222

AERIAL PHOTOGRAPH – 1984
AA Crown Holdings Pty Ltd Project

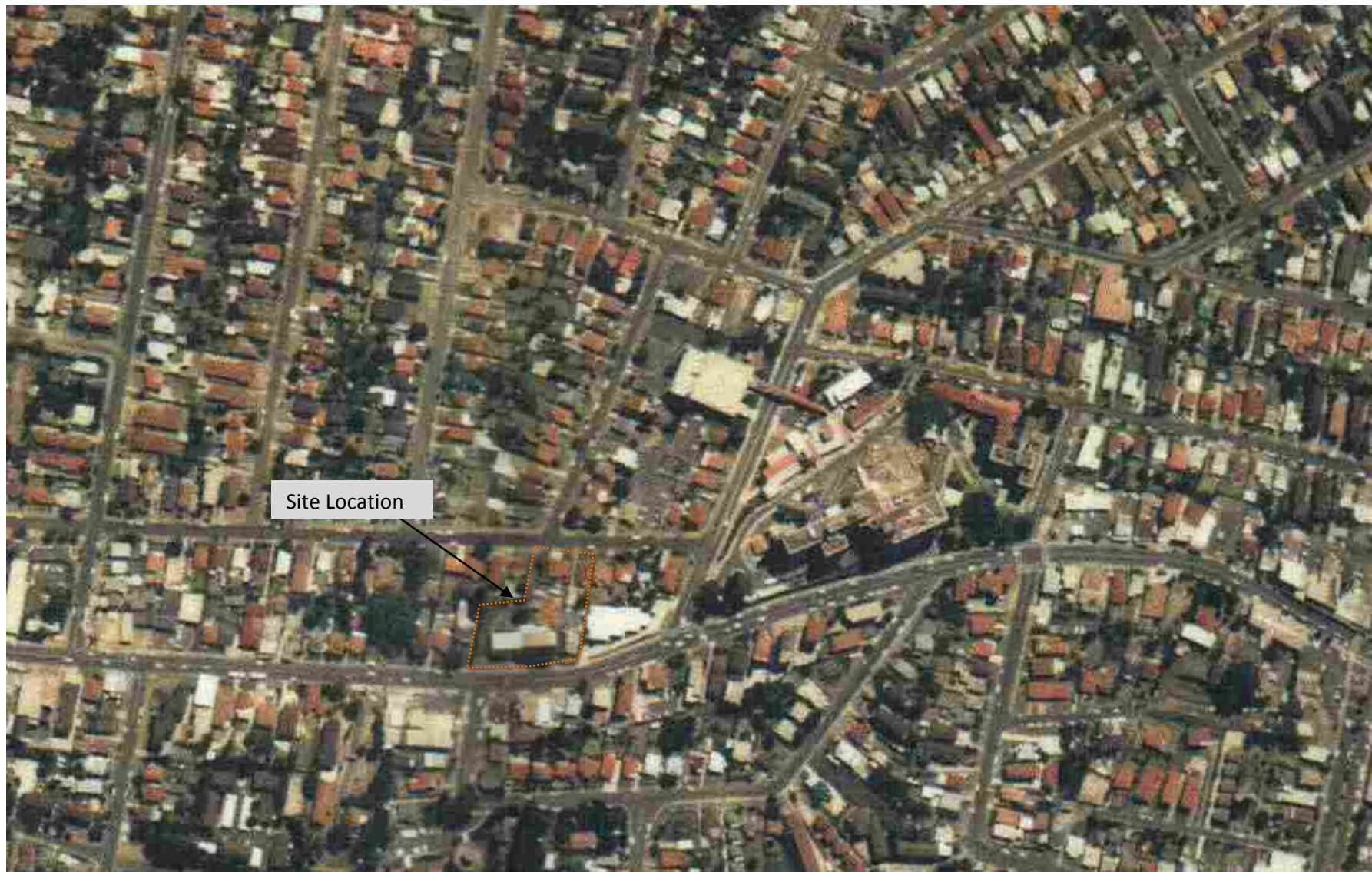
360-364 Crown Street and 9-11 Urunga Parade, Wollongong, NSW 2500

Project No. 1001005

Drawn: KW

Checked: BP

Date: 7/2/2010



Site Location



GEO-LOGIX PTY LTD
UNIT 2309, 4 DAYDREAM STREET
WARRIEWOOD NSW 2102

Ph: (02) 9979 1722
Fax: (02) 9979 1222

AERIAL PHOTOGRAPH – 1994

AA Crown Holdings Pty Ltd Project

360-364 Crown Street and 9-11 Urunga Parade, Wollongong, NSW 2500

Project No. 1001005

Drawn: KW

Checked: BP

Date: 7/2/2010



GEO-LOGIX PTY LTD
UNIT 2309, 4 DAYDREAM STREET
WARRIEWOOD NSW 2102

Ph: (02) 9979 1722
Fax: (02) 9979 1222

AERIAL PHOTOGRAPH – 2005
AA Crown Holdings Pty Ltd Project

360-364 Crown Street and 9-11 Urunga Parade, Wollongong, NSW 2500

Project No. 1001005

Drawn: KW

Checked: BP

Date: 7/2/2010

ATTACHMENT E

WorkCover NSW Search Result

Our Ref: D10/012124

Your Ref: Kelly Weir

2nd February 2010

Attention: Kelly Weir
Geo-Logix
Suite 2309
Q2
4 Daydream Street
Warriewood NSW 2102

Dear Kelly

RE SITE: 360-364Crown Street & 9-11 Urunga Parade, Wollongong

I refer to your site search request received by WorkCover NSW on 29th January 2010 requesting information on licences to keep dangerous goods for the above site.

A search of the Stored Chemical Information Database (SCID) and the microfiche records held by WorkCover NSW has not located any records pertaining to the above-mentioned premises.

If you have any further queries please contact the Dangerous Goods Licensing Team on (02) 4321 5500.

Yours sincerely



Sue Waugh

**Senior Licensing Officer
Dangerous Goods Team**

WorkCover. **Watching out for you.**

ATTACHMENT F

Wollongong Council Records

Customer
UNKNOWN NSW 0000

CERTIFICATE 201000282

Issued	27 January 2010
Fee	\$ 100.00
Receipt	1986115
Your Reference	CB380120:29811
Council Property Reference	300315

PLANNING CERTIFICATE

Issued Under Sections 149(2) and 149(5) of the Environmental Planning and Assessment Act 1979

PROPERTY DETAILS

Legal Description	Lot 1 DP 565056
Location	Cram House 360-362 Crown Street WOLLONGONG NSW 2500

LOCATION MAP

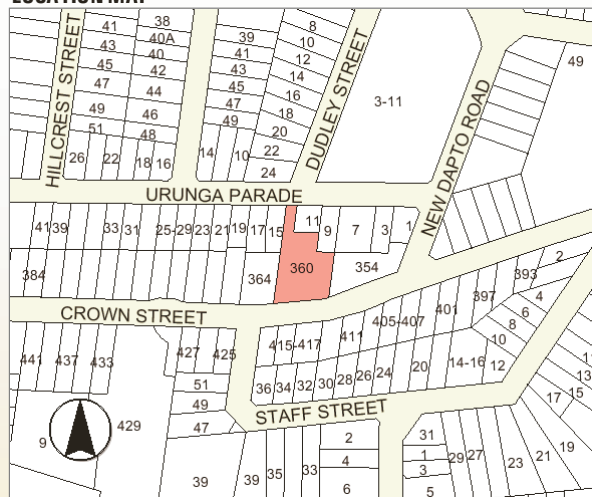


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This certificate provides information on how a property (such as land and buildings) may be used and the limits on its development.
The certificate contains information Council is aware of through its records and environmental plans, along with data supplied by the State Government.

1 SECTION 149(2) DETAILS

As at the date of this certificate, the following prescribed matters under section 149(2) of the Act relate to the abovementioned land:

RELEVANT PLANNING INSTRUMENT

The following local environmental planning instruments apply to the land:

- **Wollongong City Centre Local Environmental Plan 2007 (Gazette date 31 January 2007).**

Zones Applying to the Land

SP1 Special Activities-Hospital, Medical Research and Development

The objectives for and the uses permissible and prohibited by Wollongong City Centre Local Environmental Plan 2007

For land in Zone No SP1

The objectives of the zone are:

- To provide for special land uses that are not provided for in other zones.
- To facilitate development that is in keeping with the special characteristics of the site or its existing or intended special use, and which minimizes any adverse impacts on surrounding land.
- To provide for development that is compatible with Wollongong Hospital, including residential accommodation.
- To prevent development that is not compatible with or that may detract from the activities, including medical research and development associated with Wollongong hospital.

The purposes for which development may be carried out with and without consent and for which development is prohibited are:

WITHOUT CONSENT: Environmental protection works.

WITH CONSENT: Advertisements; Advertising structures; Boarding houses; Car parks (but only as required by this Plan or public car parking provided by or on behalf of the Council); Child care centres; Community facilities; Dwelling houses; Educational establishments; Food and drink premises; Funeral chapels; Funeral homes; Group homes; Hospitals; Hostels; Medical centres; Medical research and development facilities; Mortuaries; Multi dwelling housing; Neighbourhood shops; Places of public worship; Residential care facilities; Residential flat buildings; Roads; Seniors housing; Shop top housing; Utility installations.

PROHIBITED: Any purpose not included above.

Note: Wollongong City Centre Local Environmental Plan 2007 should be consulted to ascertain its full effect on the land.

Other Relevant Provisions of Wollongong City Centre Local Environmental Plan 2007

Nil.

STATE ENVIRONMENTAL PLANS

State Environmental Planning Policy No 4 – Development without Consent

State Environmental Planning Policy No 6 – Number of Storeys in a Building

State Environmental Planning Policy No 10 – Retention of Low-Cost Rental Accommodation

State Environmental Planning Policy No 21 – Caravan Parks

State Environmental Planning Policy No 22 – Shops and Commercial Premises

State Environmental Planning Policy No 30 – Intensive Agriculture

State Environmental Planning Policy No 32 – Urban Consolidation (Redevelopment of Urban Land)

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State Environmental Planning Policy (Temporary Structures and Places of Public Entertainment) 2007

State Environmental Planning Policy (Repeal of Concurrence and Referral Provisions) 2008

State Environmental Planning Policy (Exempt and Complying Development Codes) 2008

Complying Development may not be carried out under State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 for development specified for the General Housing Code. Clause 1.19(5)

The land is excluded from the General Housing Code being land that is reserved for public purposes in an environmental planning instrument. Hospital, Medical Research and Development

PROPOSED STATE ENVIRONMENTAL PLANS

Nil

DEVELOPMENT CONTROL PLANS

Note: “Technical Policies” listed below are Development Control Plans made under section 72 of the Environmental Planning and Assessment Act 1979.

Technical Policy No 94/1 – Retail Markets

Technical Policy No 96/6 – Major Events

Technical Policy No 97/10 – Siting of Telecommunications Facilities

Development Control Plan No 99/1 – Complying Development

Development Control Plan No 99/2 – Exempt Development

Development Control Plan No 54 – Managing our Flood Risks

Wollongong City Sex Industry Development Control Plan 2005

Wollongong Child Care Centres Development Control Plan 2005

Development Control Plan No 49 - Residential Development April 2006.

Reviewed Plan effective 8 September 2007
Wollongong City Centre Development Control Plan.

Wollongong City Geotechnical Development Control Plan - Development of Sites which may be subject to Slope Instability 2006

PROPOSED LOCAL ENVIRONMENTAL PLANS

Draft Wollongong Local Environmental Plan 2009 was exhibited on 10 December 2008.

The draft plan proposes

To apply a Zone to the land of

SP1 – Special Activities

The purpose shown on the land zoning map is: Wollongong Hospital Precinct, Boarding Houses, Dwelling Houses, Food and Drink premises, Helipads, Neighbourhood Shops, Funeral Chapels, Funeral Homes, Hostels, Mortuaries, Multi Dwelling Housing, Places of Worship, Residential Flat Buildings, Seniors Housing, Shop Top Housing.

The objectives for and the proposed uses permissible and prohibited by the Draft Plan

For land in the proposed Zone No. SP1

The objectives of the proposed zone are:

- To provide for special land uses that are not provided for in other zones.
- To provide for sites with special natural characteristics that are not provided for in other zones.
- To facilitate development that is in keeping with the special characteristics of the site or its existing or intended special use, and that minimise any adverse impacts on surrounding land.

Permitted without consent:

Building identification signs; Business identification signs.

Permitted with consent:

The purpose shown on the Land Zoning Map, including any development that is ordinarily incidental or ancillary to development for that purpose; Advertisements; Advertising structures; Car parks; Child care centres; Community facilities; Environmental protection works; Information and education facilities; Recreation areas; Recreation facilities (indoor); Recreation facilities (major); Recreation facilities (outdoor).

Prohibited:

Any development not permitted with or without consent.

Note: The Draft Wollongong Local Environmental Plan 2009 should be consulted to ascertain its full effect on the land.

DECLARED STATE SIGNIFICANT DEVELOPMENT

The Minister has declared the following development to be State Significant Development:

- Developments identified as State Significant Development by State Environmental Planning Policy - Major Projects 2005 .
- Under clause 17(1) of the Environmental Planning and Assessment (Savings and Transitional) Regulation 1998, all section 101 directions in existence before 1 July 1998. Under these directions the Minister is the consent authority for development of canals and other artificial waterways and new coal mines requiring new coal leases.

COASTAL PROTECTION

The Department of Public Works has not notified Council that the land is affected by the operation of sections 38 and 39 of the Coastal Protection Act 1979.

MINE SUBSIDENCE

The land is not proclaimed to be a mine subsidence district within the meaning of section 15 of the Mine Subsidence Compensation Act 1961.

ROAD WIDENING AND ROAD REALIGNMENT

Council has no record that the land is affected by any Road Widening or Road Realignment under:

1. Division 2 of Part 3 of the *Roads Act 1993*, or

2. any environmental planning instrument, or
3. any resolution of the Council.

The land may be affected by a Roads & Traffic Authority Road Widening or Road Realignment proposal. Contact that Authority for advice.

DEVELOPMENT OR HAZARD RISK RESTRICTIONS

Council has adopted “Wollongong City Geotechnical Development Control Plan—Development of sites which may be subject to slope instability-2006”

There are no policies that restrict the development of land because of tidal inundation, acid sulphate soils or any other risk not identified in this certificate.

FLOOD RELATED DEVELOPMENT CONTROLS INFORMATION

Development on the land or part of the land for the purposes of dwelling houses, dual occupancies, multi dwelling housing or residential flat buildings (not including development for the purposes of group homes or seniors housing) is subject to flood related development controls as contained in DCP 54-Managing Our Flood Risks.

Development on the land or part of the land for any other purpose is subject to flood related development controls as contained in DCP 54- Managing Our Flood Risks.

LAND RESERVED FOR ACQUISITION

See sections relating to 'Zones Applying to the Land' and 'Draft Local Environmental Plans.

CONTRIBUTION PLANS

Wollongong City Council Section 94A Contributions Plan (2008)

The purposes of this contributions plan are:

- To authorise the imposition of a condition on certain development consents and complying development certificates requiring the payment of a contribution pursuant to section 94A of the EP&A Act 1979.
- To assist the council to provide the appropriate public facilities which are required to maintain and enhance amenity and service delivery within the area.
- To publicly identify the purposes for which the levies are required.

MATTERS ARISING UNDER THE CONTAMINATED LAND MANAGEMENT ACT 1997

Council has not been advised that :

- a) The land is significantly contaminated land within the meaning of the Contaminated Land Management Act 1997
- b) The land is subject to a management order within the meaning of the Contaminated Land Management Act 1997
- c) The land is subject to an approved voluntary management proposal within the meaning of the Contaminated Land Management Act 1997
- d) The land is subject to an ongoing maintenance order within the meaning of the Contaminated land Management Act 1997
- e) The land is subject to a site audit statement within the meaning of the Contaminated land Management Act 1997

BUSH FIRE PRONE LAND

The land is not recorded in Council's records as bushfire prone land.

PROPERTY VEGETATION PLAN

The Southern Rivers Catchment Management Authority has not notified Council that the land is affected by a Property Vegetation Plan issued under the Native Vegetation Act 2003.

ORDERS UNDER TREES (DISPUTES BETWEEN NEIGHBOURS) ACT 2006

Nil.

DIRECTIONS UNDER PART 3A

Nil

SITE COMPATIBILITY CERTIFICATES

Site Compatibility Certificate and Conditions

State Environmental Planning Policy (Housing for Seniors or People with a Disability)2004

Nil.

Site Compatibility Certificate

State Environmental Planning Policy (Infrastructure) 2007

Nil.

Site Compatibility Certificate

State Environmental Planning Policy (Affordable Rental Housing) 2009

Nil

**NOTIFICATION OF EXEMPTIONS AND AUTHORISATIONS - NATION BUILDING AND JOBS PLAN
(STATE INFRASTRUCTURE DELIVERY) ACT 2009**

Nil.

SECTION 149(5) DETAILS

As at the date of this certificate, the following additional information, provided in good faith pursuant to section 149(5) of the Act, relate to the abovementioned land. Council has selected these matters as those most likely to be of concern but they do not comprise an exhaustive list of matters likely to affect the land.

When information pursuant to section 149(5) is requested the Council is under no obligation to furnish any of the information supplied herein pursuant to that section. Council draws your attention to section 149(6) which states that a council shall not incur any liability in respect of any advice provided in good faith pursuant to subsection (5). The absence of any reference to any matter affecting the land shall not imply that the land is not affected by any matter referred to in this certificate.

RESOLUTION TO PREPARE PROPOSED LOCAL ENVIRONMENTAL PLAN

Nil.

PROPOSED DEVELOPMENT CONTROL PLAN

The following plans have been placed on exhibition pursuant to the provisions of section 72 of the Environmental Planning and Assessment Act 1979. Any reference to “Technical Policy” is to be read as a reference to “Development Control Plan”.

Draft Development Control Plan No 99/4 – Residential Waste Management Guidelines

Exhibited on 26 May 1999. The plan will apply to all residential development and subdivision requiring development approval and/or construction certificates under the Environmental Planning and Assessment Act 1979. The aim of the plan is to provide guidelines for provision of on-site storage and disposal facilities for domestic waste, green waste and recycling materials.

The following plan has been prepared in accordance with Section 74 Division 6 of Part 3 of the Environmental Planning and Assessment Act 1979.

Draft Wollongong Development Control Plan 2009

Exhibition date 3 August 2009. The plan will apply to all land to which Wollongong Local Environmental Plan 2009 applies.

The aim of this DCP is to establish objectives and planning controls for the development of land within the City of Wollongong.

The objectives are:

- a) To provide detailed development controls within a single document which support Wollongong Local Environmental Plan 2009.
- b) To encourage urban design excellence.
- c) To ensure appropriate information is submitted with development application.
- d) To ensure that development contributes to the quality of the natural and built environments.
- e) To encourage development that contributes to the quality of the public domain.
- f) To ensure future development responds positively to the qualities of the site and the

- character of the surrounding locality.
- g) To encourage a range of dwelling stock to increase housing choice and availability in the Illawarra Region.
 - h) To encourage the provision of housing that is accessible and adaptable to meet the existing and future needs of all residents, including people with disability.
 - i) To ensure housing is of a high design standard and energy efficient.
 - j) To ensure commercial and industrial development is of a high design standard and energy efficient.
 - k) To ensure new development is consistent with the desired future character for the area as stated within the LEP and this DCP.
 - l) To ensure new development contributes to safe and liveable environments.
 - m) To support the provision of safe and efficient public transport services.
 - n) To protect new development from the threat of bushfire.
 - o) To protect areas of high scenic and aesthetic value.

FILLED LAND

Council has no records to indicate that the land has been filled or partially filled during the course of subdivision works approved by Council. Council's records are incomplete and therefore Council does not certify that the land has not been filled. If you have any doubt as to whether or not the land is affected by fill material the services of a suitably qualified engineer should be obtained.

LAND STABILITY

Council's land constraint/stability assessment maps do not show that the land is located in an area where landslip and/or subsidence have occurred, or where land instability is suspected. If you have any doubt as to whether the land is affected by landslip and/or subsidence the services of a suitably qualified engineer should be obtained.

Note: the advice provided by Council in respect of the stability of the land is based on information contained in Council's land constraint maps. The maps have been compiled from data received by Council and considered by Council to be reasonably reliable. Council does not warrant that its land constraint maps contain all information ever received by Council relating to the stability of the land.

FLOOD AND DRAINAGE

Council's flood hazard/flood assessment maps do not show that the land is located in an area where flooding has occurred or is suspected. If you have any doubt as to whether the land is affected by flooding the services of a suitably qualified engineer should be obtained.

Note 1: Some land may experience water inundation as a result of the creation of stormwater detention basins or channels or flow paths in the course of development of the land.

Note 2: Advice given by Council relating to the likelihood of land being flooded or the nature or extent of such flooding is based on information contained in Council's flood hazard maps. The maps are compiled from data received by Council and considered by Council to be reasonably reliable. Council does not warrant that its flood hazard maps contain all information ever received by Council relating to the likelihood of land being flooded or the nature or extent of any such flooding.

EROSION

Nil

CONTAMINATED LAND

Nil.

ACID SULPHATE SOILS

Nil.

OTHER HERITAGE MATTERS KNOWN TO COUNCIL

Nil.

BUILDING LINES

Note: Where development control plans applying to the land contain building line requirements those requirements take precedence over the building lines listed below.

This parcel of land is affected by Specific Street Alignment and Street Setbacks referred to in Wollongong City Centre Development Control Plan 2007.

DEVELOPMENT HISTORY

Application may be made for a Building Certificate under section 149B of the Environmental Planning and Assessment Act 1979 if written certification of existing buildings on the land is required.

The history of development consent approval applicable to the land may be obtained by consulting the Development Consent Register. Enquiries concerning the register may be made at the City Planning Division Level 4 Council Administration Building, 41 Burelli Street Wollongong during office hours.

OTHER INFORMATION

Illawarra Regional Strategy

The Minister for Planning released the Illawarra Regional Strategy on 1 February 2007. The strategy is the NSW Government 25 year land use strategy for the Illawarra Region.

GENERAL INFORMATION

The following general information is brought to the attention of land owners.

Tree Management Order

The Wollongong Tree Management Order allows assessment of environmental importance and viability of trees before being pruned, removed or damaged. The order applies to all trees in the City of Wollongong other than:

- Trees in State Forests or on other Crown-timber lands within the meaning of the Forestry Act, 1916
- Trees lopped in accordance with the Electrical Supply (General) Regulation 2001
- Trees within water catchment areas except such parts as vested in or leased by persons other than the Crown
- Commercial or domestic fruit trees
- The following tree species

Salix Species	Willow
Erythrina X Sykesii	Coral Tree
Cupressus Macrocarpa "Brunniana"	Golden Cypress
Lagunaria Pattersonii	Itchy Pod Tree
Harpephyllum Caffrum	Kaffir Plum
Syagrus Romanzoffina	Cocos Palm
Poplar Species	Poplar
Ficus Elastica "Decora" and hybrids	Ornamental Rubber Tree
Ligustrum Lucidum	Large Leafed Privet
Cinnamomum Camphora	Camphor Laurel
Schefflera Actinophylla	Umbrella Tree

The order prohibits, without written consent of Wollongong City Council, ringbarking, cutting down, topping, lopping, removing, injuring or destruction of any tree to which the order applies, including the roots of a tree, if it

- is 3 metres or more in height; or
- has a girth of 200 mm or more at a height of 1 metre from the ground; or
- has a branch spread of 3 metres or more.

Any person acting on a consent issued under the tree management order must comply with all conditions of that consent.

The tree management order does not apply to a tree where it can be demonstrated to Council's satisfaction that the tree is dying, dead or has become dangerous.

A person who breach or causes or permits a breach of the tree management order is guilty of an offence under the Environmental Planning and Assessment Act.

Enquiries concerning pruning, removal or damage to trees may be made at the Recreation and Natural resources Division, Level 5 Council Administration Building, 41 Burelli Street Wollongong or by telephoning direct on 4227 7233 during office hours.

Applications for consent under the tree management order must be made in writing to

The General Manager
Wollongong City Council
Locked Bag 8821
WOLLONGONG NSW 2500

Application forms and scheduled fee information are available from the Recreation and Natural resources Division. Written applications must clearly identify the applicable tree or trees, state fully the reasons why such consent is sought and be accompanied by the appropriate fee.

Termite Management for Buildings

Australian Standards 3660.1-1995 – protection of Buildings Against Subterranean Termites, recommends that buildings be inspected and be maintained in order to achieve termite management of buildings. Licensed Pest Control Contractors should be contacted to achieve necessary termite control.

Leaded Paint and Building Renovations

Your attention is drawn to the hazards associated with lead-based paints during building renovation. Suitable precautions should be taken when removing flaking paint or sanding painted surfaces suspected to have been treated with lead-based paint to prevent contamination of the immediate environment and associated health risk from lead dust.

Sewage Management Systems

Where a property has an on-site sewage management system (this includes septic tanks, disposal trenches, aerated waste water treatment systems, composting toilets and pump out systems) the new owner must obtain an “Approval to Operate” from Council within 3 months of land ownership being transferred or otherwise conveyed.

Siting of Telecommunications and Radiocommunications Facilities

This policy was adopted by Council 4 June 2007.

For further information, please contact Council’s City Planning Division on (02) 4227 7500.

Issue of this document on behalf of Council has been authorised by:

Margaret Kampen
Customer Service Officer
Wollongong City Council
Direct Line (02) 4227 7319

Customer
UNKNOWN NSW 0000

CERTIFICATE 201000288

Issued	27 January 2010
Fee	\$ 100.00
Receipt	1986115
Your Reference	CB380120:29811
Council Property Reference	300316

PLANNING CERTIFICATE

Issued Under Sections 149(2) and 149(5) of the Environmental Planning and Assessment Act 1979

PROPERTY DETAILS

Legal Description	Lot 7 DP 661166
Location	364 Crown Street WOLLONGONG NSW 2500

LOCATION MAP

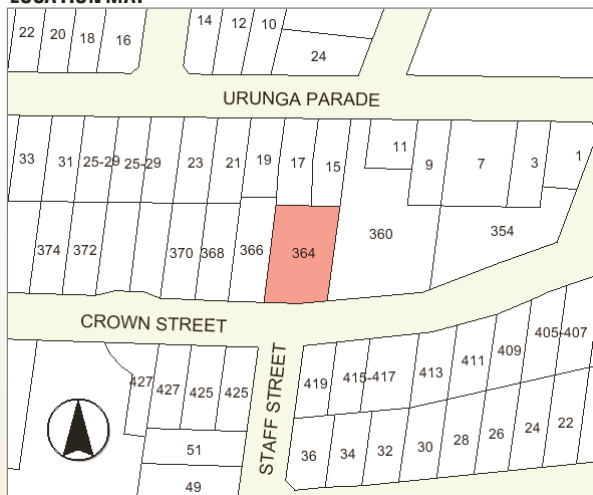


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The objectives of the proposed zone are:

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The Minister has declared the following development to be State Significant Development:

- Developments identified as State Significant Development by State Environmental Planning Policy - Major Projects 2005 .
- Under clause 17(1) of the Environmental Planning and Assessment (Savings and Transitional) Regulation 1998, all section 101 directions in existence before 1 July 1998. Under these directions the Minister is the consent authority for development of canals and other artificial waterways and new coal mines requiring new coal leases.

COASTAL PROTECTION

The Department of Public Works has not notified Council that the land is affected by the operation of sections 38 and 39 of the Coastal Protection Act 1979.

MINE SUBSIDENCE

The land is not proclaimed to be a mine subsidence district within the meaning of section 15 of the Mine Subsidence Compensation Act 1961.

ROAD WIDENING AND ROAD REALIGNMENT

Council has no record that the land is affected by any Road Widening or Road Realignment under:

- a) Division 2 of Part 3 of the *Roads Act 1993*, or

- b) any environmental planning instrument, or
- c) any resolution of the Council.

DEVELOPMENT OR HAZARD RISK RESTRICTIONS

Council has adopted “Wollongong City Geotechnical Development Control Plan–Development of sites which may be subject to slope instability-2006”

There are no policies that restrict the development of land because of tidal inundation, acid sulphate soils or any other risk not identified in this certificate.

FLOOD RELATED DEVELOPMENT CONTROLS INFORMATION

Development on the land or part of the land for the purposes of dwelling houses, dual occupancies, multi dwelling housing or residential flat buildings (not including development for the purposes of group homes or seniors housing) is subject to flood related development controls as contained in DCP 54-Managing Our Flood Risks.

Development on the land or part of the land for any other purpose is subject to flood related development controls as contained in DCP 54- Managing Our Flood Risks.

LAND RESERVED FOR ACQUISITION

See sections relating to 'Zones Applying to the Land' and 'Draft Local Environmental Plans.

CONTRIBUTION PLANS

Wollongong City Council Section 94A Contributions Plan (2008)

The purposes of this contributions plan are:

- To authorise the imposition of a condition on certain development consents and complying development certificates requiring the payment of a contribution pursuant to section 94A of the EP&A Act 1979.
- To assist the council to provide the appropriate public facilities which are required to maintain and enhance amenity and service delivery within the area.
- To publicly identify the purposes for which the levies are required.

MATTERS ARISING UNDER THE CONTAMINATED LAND MANAGEMENT ACT 1997

Council has not been advised that :

- a) The land is significantly contaminated land within the meaning of the Contaminated Land Management Act 1997
- b) The land is subject to a management order within the meaning of the Contaminated Land Management Act 1997
- c) The land is subject to an approved voluntary management proposal within the meaning of the Contaminated Land Management Act 1997
- d) The land is subject to an ongoing maintenance order within the meaning of the Contaminated land Management Act 1997
- e) The land is subject to a site audit statement within the meaning of the Contaminated land Management Act 1997

BUSH FIRE PRONE LAND

The land is not recorded in Council's records as bushfire prone land.

PROPERTY VEGETATION PLAN

The Southern Rivers Catchment Management Authority has not notified Council that the land is affected by a Property Vegetation Plan issued under the Native Vegetation Act 2003.

ORDERS UNDER TREES (DISPUTES BETWEEN NEIGHBOURS) ACT 2006

Nil.

DIRECTIONS UNDER PART 3A

Nil

SITE COMPATIBILITY CERTIFICATES

Site Compatibility Certificate and Conditions

State Environmental Planning Policy (Housing for Seniors or People with a Disability)2004

Nil.

Site Compatibility Certificate

State Environmental Planning Policy (Infrastructure) 2007

Nil.

Site Compatibility Certificate

State Environmental Planning Policy (Affordable Rental Housing) 2009

Nil

**NOTIFICATION OF EXEMPTIONS AND AUTHORISATIONS - NATION BUILDING AND JOBS PLAN
(STATE INFRASTRUCTURE DELIVERY) ACT 2009**

Nil.

SECTION 149(5) DETAILS

As at the date of this certificate, the following additional information, provided in good faith pursuant to section 149(5) of the Act, relate to the abovementioned land. Council has selected these matters as those most likely to be of concern but they do not comprise an exhaustive list of matters likely to affect the land.

When information pursuant to section 149(5) is requested the Council is under no obligation to furnish any of the information supplied herein pursuant to that section. Council draws your attention to section 149(6) which states that a council shall not incur any liability in respect of any advice provided in good faith pursuant to subsection (5). The absence of any reference to any matter affecting the land shall not imply that the land is not affected by any matter referred to in this certificate.

RESOLUTION TO PREPARE PROPOSED LOCAL ENVIRONMENTAL PLAN

Nil.

PROPOSED DEVELOPMENT CONTROL PLAN

The following plans have been placed on exhibition pursuant to the provisions of section 72 of the Environmental Planning and Assessment Act 1979. Any reference to “Technical Policy” is to be read as a reference to “Development Control Plan”.

Draft Development Control Plan No 99/4 – Residential Waste Management Guidelines

Exhibited on 26 May 1999. The plan will apply to all residential development and subdivision requiring development approval and/or construction certificates under the Environmental Planning and Assessment Act 1979. The aim of the plan is to provide guidelines for provision of on-site storage and disposal facilities for domestic waste, green waste and recycling materials.

The following plan has been prepared in accordance with Section 74 Division 6 of Part 3 of the Environmental Planning and Assessment Act 1979.

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Exhibition date 3 August 2009. The plan will apply to all land to which Wollongong Local Environmental Plan 2009 applies.

The aim of this DCP is to establish objectives and planning controls for the development of land within the City of Wollongong.

The objectives are:

- a) To provide detailed development controls within a single document which support Wollongong Local Environmental Plan 2009.
- b) To encourage urban design excellence.
- c) To ensure appropriate information is submitted with development application.
- d) To ensure that development contributes to the quality of the natural and built environments.
- e) To encourage development that contributes to the quality of the public domain.
- f) To ensure future development responds positively to the qualities of the site and the

- character of the surrounding locality.
- g) To encourage a range of dwelling stock to increase housing choice and availability in the Illawarra Region.
 - h) To encourage the provision of housing that is accessible and adaptable to meet the existing and future needs of all residents, including people with disability.
 - i) To ensure housing is of a high design standard and energy efficient.
 - j) To ensure commercial and industrial development is of a high design standard and energy efficient.
 - k) To ensure new development is consistent with the desired future character for the area as stated within the LEP and this DCP.
 - l) To ensure new development contributes to safe and liveable environments.
 - m) To support the provision of safe and efficient public transport services.
 - n) To protect new development from the threat of bushfire.
 - o) To protect areas of high scenic and aesthetic value.

FILLED LAND

Council has no records to indicate that the land has been filled or partially filled during the course of subdivision works approved by Council. Council's records are incomplete and therefore Council does not certify that the land has not been filled. If you have any doubt as to whether or not the land is affected by fill material the services of a suitably qualified engineer should be obtained.

LAND STABILITY

Council's land constraint/stability assessment maps do not show that the land is located in an area where landslip and/or subsidence have occurred, or where land instability is suspected. If you have any doubt as to whether the land is affected by landslip and/or subsidence the services of a suitably qualified engineer should be obtained.

Note: the advice provided by Council in respect of the stability of the land is based on information contained in Council's land constraint maps. The maps have been compiled from data received by Council and considered by Council to be reasonably reliable. Council does not warrant that its land constraint maps contain all information ever received by Council relating to the stability of the land.

FLOOD AND DRAINAGE

Council's flood hazard/flood assessment maps do not show that the land is located in an area where flooding has occurred or is suspected. If you have any doubt as to whether the land is affected by flooding the services of a suitably qualified engineer should be obtained.

Note 1: Some land may experience water inundation as a result of the creation of stormwater detention basins or channels or flow paths in the course of development of the land.

Note 2: Advice given by Council relating to the likelihood of land being flooded or the nature or extent of such flooding is based on information contained in Council's flood hazard maps. The maps are compiled from data received by Council and considered by Council to be reasonably reliable. Council does not warrant that its flood hazard maps contain all information ever received by Council relating to the likelihood of land being flooded or the nature or extent of any such flooding.

EROSION

Nil

CONTAMINATED LAND

Nil.

ACID SULPHATE SOILS

Nil.

OTHER HERITAGE MATTERS KNOWN TO COUNCIL

Nil.

BUILDING LINES

Note: Where development control plans applying to the land contain building line requirements those requirements take precedence over the building lines listed below.

This parcel of land is affected by Specific Street Alignment and Street Setbacks referred to in Wollongong City Centre Development Control Plan 2007.

DEVELOPMENT HISTORY

Application may be made for a Building Certificate under section 149B of the Environmental Planning and Assessment Act 1979 if written certification of existing buildings on the land is required.

The history of development consent approval applicable to the land may be obtained by consulting the Development Consent Register. Enquiries concerning the register may be made at the City Planning Division Level 4 Council Administration Building, 41 Burelli Street Wollongong during office hours.

OTHER INFORMATION

Illawarra Regional Strategy

The Minister for Planning released the Illawarra Regional Strategy on 1 February 2007. The strategy is the NSW Government 25 year land use strategy for the Illawarra Region.

GENERAL INFORMATION

The following general information is brought to the attention of land owners.

Tree Management Order

The Wollongong Tree Management Order allows assessment of environmental importance and viability of trees before being pruned, removed or damaged. The order applies to all trees in the City of Wollongong other than:

- Trees in State Forests or on other Crown-timber lands within the meaning of the Forestry Act, 1916
- Trees lopped in accordance with the Electrical Supply (General) Regulation 2001
- Trees within water catchment areas except such parts as vested in or leased by persons other than the Crown
- Commercial or domestic fruit trees
- The following tree species

Salix Species	Willow
Erythrina X Sykesii	Coral Tree
Cupressus Macrocarpa "Brunniana"	Golden Cypress
Lagauria Pattersonii	Itchy Pod Tree
Harpephyllum Caffrum	Kaffir Plum
Syagrus Romanzoffina	Cocos Palm
Poplar Species	Poplar
Ficus Elastica "Decora" and hybrids	Ornamental Rubber Tree
Ligustrum Lucidum	Large Leafed Privet
Cinnamomum Camphora	Camphor Laurel
Schefflera Actinophylla	Umbrella Tree

The order prohibits, without written consent of Wollongong City Council, ringbarking, cutting down, topping, lopping, removing, injuring or destruction of any tree to which the order applies, including the roots of a tree, if it

- is 3 metres or more in height; or
- has a girth of 200 mm or more at a height of 1 metre from the ground; or
- has a branch spread of 3 metres or more.

Any person acting on a consent issued under the tree management order must comply with all conditions of that consent.

The tree management order does not apply to a tree where it can be demonstrated to Council's satisfaction that the tree is dying, dead or has become dangerous.

A person who breach or causes or permits a breach of the tree management order is guilty of an offence under the Environmental Planning and Assessment Act.

Enquiries concerning pruning, removal or damage to trees may be made at the Recreation and Natural resources Division, Level 5 Council Administration Building, 41 Burelli Street Wollongong or by telephoning direct on 4227 7233 during office hours.

Applications for consent under the tree management order must be made in writing to

The General Manager
Wollongong City Council
Locked Bag 8821
WOLLONGONG NSW 2500

Application forms and scheduled fee information are available from the Recreation and Natural resources Division. Written applications must clearly identify the applicable tree or trees, state fully the reasons why such consent is sought and be accompanied by the appropriate fee.

Termite Management for Buildings

Australian Standards 3660.1-1995 – protection of Buildings Against Subterranean Termites, recommends that buildings be inspected and be maintained in order to achieve termite management of buildings. Licensed Pest Control Contractors should be contacted to achieve necessary termite control.

Leaded Paint and Building Renovations

Your attention is drawn to the hazards associated with lead-based paints during building renovation. Suitable precautions should be taken when removing flaking paint or sanding painted surfaces suspected to have been treated with lead-based paint to prevent contamination of the immediate environment and associated health risk from lead dust.

Sewage Management Systems

Where a property has an on-site sewage management system (this includes septic tanks, disposal trenches, aerated waste water treatment systems, composting toilets and pump out systems) the new owner must obtain an “Approval to Operate” from Council within 3 months of land ownership being transferred or otherwise conveyed.

Siting of Telecommunications and Radiocommunications Facilities

This policy was adopted by Council 4 June 2007.

For further information, please contact Council’s City Planning Division on (02) 4227 7500.

Issue of this document on behalf of Council has been authorised by:

Margaret Kampen
Customer Service Officer
Wollongong City Council
Direct Line (02) 4227 7319

Customer
UNKNOWN NSW 0000

CERTIFICATE	201000281
Issued	27 January 2010
Fee	\$ 100.00
Receipt	1986115
Your Reference	CB380120:29811
Council Property Reference	345119

PLANNING CERTIFICATE

Issued Under Sections 149(2) and 149(5) of the Environmental Planning and Assessment Act 1979

PROPERTY DETAILS

Legal Description	Lot 53 Sec 1 DP 5507
Location	9 Urunga Parade WOLLONGONG NSW 2500

LOCATION MAP

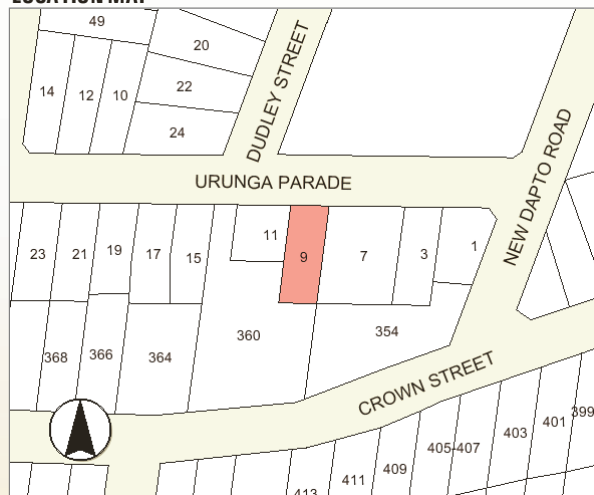


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This certificate provides information on how a property (such as land and buildings) may be used and the limits on its development.
The certificate contains information Council is aware of through its records and environmental plans, along with data supplied by the State Government.

1 SECTION 149(2) DETAILS

As at the date of this certificate, the following prescribed matters under section 149(2) of the Act relate to the abovementioned land:

RELEVANT PLANNING INSTRUMENT

The following local environmental planning instruments apply to the land:

- **Wollongong City Centre Local Environmental Plan 2007 (Gazette date 31 January 2007).**

Zones Applying to the Land

SP1 Special Activities-Hospital, Medical Research and Development

The objectives for and the uses permissible and prohibited by Wollongong City Centre Local Environmental Plan 2007

For land in Zone No SP1

The objectives of the zone are:

- To provide for special land uses that are not provided for in other zones.
- To facilitate development that is in keeping with the special characteristics of the site or its existing or intended special use, and which minimizes any adverse impacts on surrounding land.
- To provide for development that is compatible with Wollongong Hospital, including residential accommodation.
- To prevent development that is not compatible with or that may detract from the activities, including medical research and development associated with Wollongong hospital.

The purposes for which development may be carried out with and without consent and for which development is prohibited are:

WITHOUT CONSENT: Environmental protection works.

WITH CONSENT: Advertisements; Advertising structures; Boarding houses; Car parks (but only as required by this Plan or public car parking provided by or on behalf of the Council); Child care centres; Community facilities; Dwelling houses; Educational establishments; Food and drink premises; Funeral chapels; Funeral homes; Group homes; Hospitals; Hostels; Medical centres; Medical research and development facilities; Mortuaries; Multi dwelling housing; Neighbourhood shops; Places of public worship; Residential care facilities; Residential flat buildings; Roads; Seniors housing; Shop top housing; Utility installations.

PROHIBITED: Any purpose not included above.

Note: Wollongong City Centre Local Environmental Plan 2007 should be consulted to ascertain its full effect on the land.

Other Relevant Provisions of Wollongong City Centre Local Environmental Plan 2007

Nil.

STATE ENVIRONMENTAL PLANS

State Environmental Planning Policy No 4 – Development without Consent

State Environmental Planning Policy No 6 – Number of Storeys in a Building

State Environmental Planning Policy No 10 – Retention of Low-Cost Rental Accommodation

State Environmental Planning Policy No 21 – Caravan Parks

State Environmental Planning Policy No 22 – Shops and Commercial Premises

State Environmental Planning Policy No 30 – Intensive Agriculture

State Environmental Planning Policy No 32 – Urban Consolidation (Redevelopment of Urban Land)

State Environmental Planning Policy No 33 – Hazardous and Offensive Development

State Environmental Planning Policy No 36 – Manufactured Home Estates

State Environmental Planning Policy No 45 – Permissibility Mining

State Environmental Planning Policy No 50 – Canal Estate Development

State Environmental Planning Policy No 55 – Remediation of Land

State Environmental Planning Policy No 62 – Sustainable Aquaculture

State Environmental Planning Policy – No 64 – Advertising and Signage

State Environmental Planning Policy – No 65 – Design Quality of Residential Flat Development

State Environmental Planning Policy (Building Sustainability Index:BASIX) 2004

State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004

State Environmental Planning Policy (Major Projects) 2005

State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007

State Environmental Planning Policy (Infrastructure) 2007

State Environmental Planning Policy (Temporary Structures and Places of Public Entertainment) 2007

State Environmental Planning Policy (Repeal of Concurrence and Referral Provisions) 2008

State Environmental Planning Policy (Exempt and Complying Development Codes) 2008

Complying Development may not be carried out under State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 for development specified for the General Housing Code. Clause 1.19(5)

The land is excluded from the General Housing Code being land that is reserved for public purposes in an environmental planning instrument. (Hospital, Medical Research and Development).

PROPOSED STATE ENVIRONMENTAL PLANS

Nil

DEVELOPMENT CONTROL PLANS

Note: “Technical Policies” listed below are Development Control Plans made under section 72 of the Environmental Planning and Assessment Act 1979.

Technical Policy No 94/1 – Retail Markets

Technical Policy No 96/6 – Major Events

Technical Policy No 97/10 – Siting of Telecommunications Facilities

Development Control Plan No 99/1 – Complying Development

Development Control Plan No 99/2 – Exempt Development

Development Control Plan No 54 – Managing our Flood Risks

Wollongong City Sex Industry Development Control Plan 2005

Wollongong Child Care Centres Development Control Plan 2005

Development Control Plan No 49 - Residential Development April 2006.

Reviewed Plan effective 8 September 2007

Wollongong City Centre Development Control Plan.

Wollongong City Geotechnical Development Control Plan - Development of Sites which may be subject to Slope Instability 2006

PROPOSED LOCAL ENVIRONMENTAL PLANS

Draft Wollongong Local Environmental Plan 2009 was exhibited on 10 December 2008.

The draft plan proposes

To apply a Zone to the land of

SP1 – Special Activities

The purpose shown on the land zoning map is: Wollongong Hospital Precinct, Boarding Houses, Dwelling Houses, Food and Drink premises, Helipads, Neighbourhood Shops, Funeral Chapels, Funeral Homes, Hostels, Mortuaries, Multi Dwelling Housing, Places of Worship, Residential Flat Buildings, Seniors Housing, Shop Top Housing.

The objectives for and the proposed uses permissible and prohibited by the Draft Plan

For land in the proposed Zone No. SP1

The objectives of the proposed zone are:

- To provide for special land uses that are not provided for in other zones.
- To provide for sites with special natural characteristics that are not provided for in other zones.
- To facilitate development that is in keeping with the special characteristics of the site or its existing or intended special use, and that minimise any adverse impacts on surrounding land.

Permitted without consent:

Building identification signs; Business identification signs.

Permitted with consent:

The purpose shown on the Land Zoning Map, including any development that is ordinarily incidental or ancillary to development for that purpose; Advertisements; Advertising structures; Car parks; Child care centres; Community facilities; Environmental protection works; Information and education facilities; Recreation areas; Recreation facilities (indoor); Recreation facilities (major); Recreation facilities (outdoor).

Prohibited:

Any development not permitted with or without consent.

Note: The Draft Wollongong Local Environmental Plan 2009 should be consulted to ascertain its full effect on the land.

DECLARED STATE SIGNIFICANT DEVELOPMENT

The Minister has declared the following development to be State Significant Development:

- Developments identified as State Significant Development by State Environmental Planning Policy - Major Projects 2005 .
- Under clause 17(1) of the Environmental Planning and Assessment (Savings and Transitional) Regulation 1998, all section 101 directions in existence before 1 July 1998. Under these directions the Minister is the consent authority for development of canals and other artificial waterways and new coal mines requiring new coal leases.

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The Department of Public Works has not notified Council that the land is affected by the operation of sections 38 and 39 of the Coastal Protection Act 1979.

MINE SUBSIDENCE

The land is not proclaimed to be a mine subsidence district within the meaning of section 15 of the Mine Subsidence Compensation Act 1961.

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- a) Division 2 of Part 3 of the *Roads Act 1993*, or
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LAND RESERVED FOR ACQUISITION

See sections relating to 'Zones Applying to the Land' and 'Draft Local Environmental Plans.

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- To authorise the imposition of a condition on certain development consents and complying development certificates requiring the payment of a contribution pursuant to section 94A of the EP&A Act 1979.
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DIRECTIONS UNDER PART 3A

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Site Compatibility Certificate and Conditions

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Site Compatibility Certificate

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Nil.

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Nil.

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RESOLUTION TO PREPARE PROPOSED LOCAL ENVIRONMENTAL PLAN

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EROSION

Nil

CONTAMINATED LAND

Nil.

ACID SULPHATE SOILS

Nil.

OTHER HERITAGE MATTERS KNOWN TO COUNCIL

Nil.

BUILDING LINES

Note: Where development control plans applying to the land contain building line requirements those requirements take precedence over the building lines listed below.

This parcel of land is affected by Specific Street Alignment and Street Setbacks referred to in Wollongong City Centre Development Control Plan 2007.

DEVELOPMENT HISTORY

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The Minister for Planning released the Illawarra Regional Strategy on 1 February 2007. The strategy is the NSW Government 25 year land use strategy for the Illawarra Region.

GENERAL INFORMATION

The following general information is brought to the attention of land owners.

Tree Management Order

The Wollongong Tree Management Order allows assessment of environmental importance and viability of trees before being pruned, removed or damaged. The order applies to all trees in the City of Wollongong other than:

- Trees in State Forests or on other Crown-timber lands within the meaning of the Forestry Act, 1916
- Trees lopped in accordance with the Electrical Supply (General) Regulation 2001
- Trees within water catchment areas except such parts as vested in or leased by persons other than the Crown
- Commercial or domestic fruit trees
- The following tree species

Salix Species	Willow
Erythrina X Sykesii	Coral Tree
Cupressus Macrocarpa "Brunniana"	Golden Cypress
Lagauria Pattersonii	Itchy Pod Tree
Harpephyllum Caffrum	Kaffir Plum
Syagrus Romanzoffina	Cocos Palm
Poplar Species	Poplar
Ficus Elastica "Decora" and hybrids	Ornamental Rubber Tree
Ligustrum Lucidum	Large Leafed Privet
Cinnamomum Camphora	Camphor Laurel
Schefflera Actinophylla	Umbrella Tree

The order prohibits, without written consent of Wollongong City Council, ringbarking, cutting down, topping, lopping, removing, injuring or destruction of any tree to which the order applies, including the roots of a tree, if it

- is 3 metres or more in height; or
- has a girth of 200 mm or more at a height of 1 metre from the ground; or
- has a branch spread of 3 metres or more.

Any person acting on a consent issued under the tree management order must comply with all conditions of that consent.

The tree management order does not apply to a tree where it can be demonstrated to Council's satisfaction that the tree is dying, dead or has become dangerous.

A person who breach or causes or permits a breach of the tree management order is guilty of an offence under the Environmental Planning and Assessment Act.

Enquiries concerning pruning, removal or damage to trees may be made at the Recreation and Natural resources Division, Level 5 Council Administration Building, 41 Burelli Street Wollongong or by telephoning direct on 4227 7233 during office hours.

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Wollongong City Council
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WOLLONGONG NSW 2500

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Siting of Telecommunications and Radiocommunications Facilities

This policy was adopted by Council 4 June 2007.

For further information, please contact Council’s City Planning Division on (02) 4227 7500.

Issue of this document on behalf of Council has been authorised by:

Margaret Kampen
Customer Service Officer
Wollongong City Council
Direct Line (02) 4227 7319

Customer
UNKNOWN NSW 0000

CERTIFICATE 201000283

Issued	27 January 2010
Fee	\$ 100.00
Receipt	1986115
Your Reference	CB380120:29811
Council Property Reference	345116

PLANNING CERTIFICATE

Issued Under Sections 149(2) and 149(5) of the Environmental Planning and Assessment Act 1979

PROPERTY DETAILS

Legal Description	Lot A DP 381246
Location	11 Urunga Parade WOLLONGONG NSW 2500

LOCATION MAP

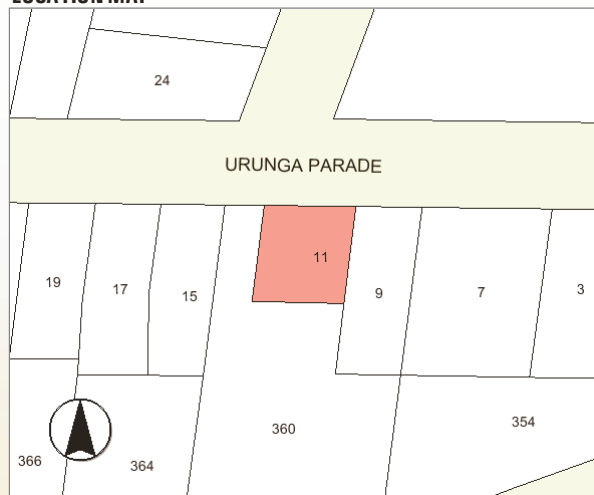


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This certificate provides information on how a property (such as land and buildings) may be used and the limits on its development.
The certificate contains information Council is aware of through its records and environmental plans, along with data supplied by the State Government.

1 SECTION 149(2) DETAILS

As at the date of this certificate, the following prescribed matters under section 149(2) of the Act relate to the abovementioned land:

RELEVANT PLANNING INSTRUMENT

The following local environmental planning instruments apply to the land:

- **Wollongong City Centre Local Environmental Plan 2007 (Gazette date 31 January 2007).**

Zones Applying to the Land

SP1 Special Activities-Hospital, Medical Research and Development

The objectives for and the uses permissible and prohibited by Wollongong City Centre Local Environmental Plan 2007

For land in Zone No SP1

The objectives of the zone are:

- To provide for special land uses that are not provided for in other zones.
- To facilitate development that is in keeping with the special characteristics of the site or its existing or intended special use, and which minimizes any adverse impacts on surrounding land.
- To provide for development that is compatible with Wollongong Hospital, including residential accommodation.
- To prevent development that is not compatible with or that may detract from the activities, including medical research and development associated with Wollongong hospital.

The purposes for which development may be carried out with and without consent and for which development is prohibited are:

WITHOUT CONSENT: Environmental protection works.

WITH CONSENT: Advertisements; Advertising structures; Boarding houses; Car parks (but only as required by this Plan or public car parking provided by or on behalf of the Council); Child care centres; Community facilities; Dwelling houses; Educational establishments; Food and drink premises; Funeral chapels; Funeral homes; Group homes; Hospitals; Hostels; Medical centres; Medical research and development facilities; Mortuaries; Multi dwelling housing; Neighbourhood shops; Places of public worship; Residential care facilities; Residential flat buildings; Roads; Seniors housing; Shop top housing; Utility installations.

PROHIBITED: Any purpose not included above.

Note: Wollongong City Centre Local Environmental Plan 2007 should be consulted to ascertain its full effect on the land.

Other Relevant Provisions of Wollongong City Centre Local Environmental Plan 2007

Nil.

STATE ENVIRONMENTAL PLANS

State Environmental Planning Policy No 4 – Development without Consent

State Environmental Planning Policy No 6 – Number of Storeys in a Building

State Environmental Planning Policy No 10 – Retention of Low-Cost Rental Accommodation

State Environmental Planning Policy No 21 – Caravan Parks

State Environmental Planning Policy No 22 – Shops and Commercial Premises

State Environmental Planning Policy No 30 – Intensive Agriculture

State Environmental Planning Policy No 32 – Urban Consolidation (Redevelopment of Urban Land)

State Environmental Planning Policy No 33 – Hazardous and Offensive Development

State Environmental Planning Policy No 36 – Manufactured Home Estates

State Environmental Planning Policy No 45 – Permissibility Mining

State Environmental Planning Policy No 50 – Canal Estate Development

State Environmental Planning Policy No 55 – Remediation of Land

State Environmental Planning Policy No 62 – Sustainable Aquaculture

State Environmental Planning Policy – No 64 – Advertising and Signage

State Environmental Planning Policy – No 65 – Design Quality of Residential Flat Development

State Environmental Planning Policy (Building Sustainability Index:BASIX) 2004

State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004

State Environmental Planning Policy (Major Projects) 2005

State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007

State Environmental Planning Policy (Infrastructure) 2007

State Environmental Planning Policy (Temporary Structures and Places of Public Entertainment) 2007

State Environmental Planning Policy (Repeal of Concurrence and Referral Provisions) 2008

State Environmental Planning Policy (Exempt and Complying Development Codes) 2008

Complying Development may not be carried out under State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 for development specified for the General Housing Code. Clause 1.19(5)

The land is excluded from the General Housing Code being land that is reserved for public purposes in an environmental planning instrument.

PROPOSED STATE ENVIRONMENTAL PLANS

Nil

DEVELOPMENT CONTROL PLANS

Note: “Technical Policies” listed below are Development Control Plans made under section 72 of the Environmental Planning and Assessment Act 1979.

Technical Policy No 94/1 – Retail Markets

Technical Policy No 96/6 – Major Events

Technical Policy No 97/10 – Siting of Telecommunications Facilities

Development Control Plan No 99/1 – Complying Development

Development Control Plan No 99/2 – Exempt Development

Development Control Plan No 54 – Managing our Flood Risks

Wollongong City Sex Industry Development Control Plan 2005

Wollongong Child Care Centres Development Control Plan 2005

Development Control Plan No 49 - Residential Development April 2006.

Reviewed Plan effective 8 September 2007
Wollongong City Centre Development Control Plan.

Wollongong City Geotechnical Development Control Plan - Development of Sites which may be subject to Slope Instability 2006

PROPOSED LOCAL ENVIRONMENTAL PLANS

Draft Wollongong Local Environmental Plan 2009 was exhibited on 10 December 2008.

The draft plan proposes

To apply a Zone to the land of

SP1 – Special Activities

The purpose shown on the land zoning map is: Wollongong Hospital Precinct, Boarding Houses, Dwelling Houses, Food and Drink premises, Helipads, Neighbourhood Shops, Funeral Chapels, Funeral Homes, Hostels, Mortuaries, Multi Dwelling Housing, Places of Worship, Residential Flat Buildings, Seniors Housing, Shop Top Housing.

The objectives for and the proposed uses permissible and prohibited by the Draft Plan

For land in the proposed Zone No. SP1

The objectives of the proposed zone are:

- To provide for special land uses that are not provided for in other zones.
- To provide for sites with special natural characteristics that are not provided for in other zones.
- To facilitate development that is in keeping with the special characteristics of the site or its existing or intended special use, and that minimise any adverse impacts on surrounding land.

Permitted without consent:

Building identification signs; Business identification signs.

Permitted with consent:

The purpose shown on the Land Zoning Map, including any development that is ordinarily incidental or ancillary to development for that purpose; Advertisements; Advertising structures; Car parks; Child care centres; Community facilities; Environmental protection works; Information and education facilities; Recreation areas; Recreation facilities (indoor); Recreation facilities (major); Recreation facilities (outdoor).

Prohibited:

Any development not permitted with or without consent.

Note: The Draft Wollongong Local Environmental Plan 2009 should be consulted to ascertain its full effect on the land.

DECLARED STATE SIGNIFICANT DEVELOPMENT

The Minister has declared the following development to be State Significant Development:

- Developments identified as State Significant Development by State Environmental Planning Policy - Major Projects 2005 .
- Under clause 17(1) of the Environmental Planning and Assessment (Savings and Transitional) Regulation 1998, all section 101 directions in existence before 1 July 1998. Under these directions the Minister is the consent authority for development of canals and other artificial waterways and new coal mines requiring new coal leases.

COASTAL PROTECTION

The Department of Public Works has not notified Council that the land is affected by the operation of sections 38 and 39 of the Coastal Protection Act 1979.

MINE SUBSIDENCE

The land is not proclaimed to be a mine subsidence district within the meaning of section 15 of the Mine Subsidence Compensation Act 1961.

ROAD WIDENING AND ROAD REALIGNMENT

Council has no record that the land is affected by any Road Widening or Road Realignment under:

- a) Division 2 of Part 3 of the *Roads Act 1993*, or

- b) any environmental planning instrument, or
- c) any resolution of the Council.

DEVELOPMENT OR HAZARD RISK RESTRICTIONS

Council has adopted “Wollongong City Geotechnical Development Control Plan–Development of sites which may be subject to slope instability-2006”

There are no policies that restrict the development of land because of tidal inundation, acid sulphate soils or any other risk not identified in this certificate.

FLOOD RELATED DEVELOPMENT CONTROLS INFORMATION

Development on the land or part of the land for the purposes of dwelling houses, dual occupancies, multi dwelling housing or residential flat buildings (not including development for the purposes of group homes or seniors housing) is subject to flood related development controls as contained in DCP 54-Managing Our Flood Risks.

Development on the land or part of the land for any other purpose is subject to flood related development controls as contained in DCP 54- Managing Our Flood Risks.

LAND RESERVED FOR ACQUISITION

See sections relating to 'Zones Applying to the Land' and 'Draft Local Environmental Plans.

CONTRIBUTION PLANS

Wollongong City Council Section 94A Contributions Plan (2008)

The purposes of this contributions plan are:

- To authorise the imposition of a condition on certain development consents and complying development certificates requiring the payment of a contribution pursuant to section 94A of the EP&A Act 1979.
- To assist the council to provide the appropriate public facilities which are required to maintain and enhance amenity and service delivery within the area.
- To publicly identify the purposes for which the levies are required.

MATTERS ARISING UNDER THE CONTAMINATED LAND MANAGEMENT ACT 1997

Council has not been advised that :

- a) The land is significantly contaminated land within the meaning of the Contaminated Land Management Act 1997
- b) The land is subject to a management order within the meaning of the Contaminated Land Management Act 1997
- c) The land is subject to an approved voluntary management proposal within the meaning of the Contaminated Land Management Act 1997
- d) The land is subject to an ongoing maintenance order within the meaning of the Contaminated land Management Act 1997
- e) The land is subject to a site audit statement within the meaning of the Contaminated land Management Act 1997

BUSH FIRE PRONE LAND

The land is not recorded in Council's records as bushfire prone land.

PROPERTY VEGETATION PLAN

The Southern Rivers Catchment Management Authority has not notified Council that the land is affected by a Property Vegetation Plan issued under the Native Vegetation Act 2003.

ORDERS UNDER TREES (DISPUTES BETWEEN NEIGHBOURS) ACT 2006

Nil.

DIRECTIONS UNDER PART 3A

Nil

SITE COMPATIBILITY CERTIFICATES

Site Compatibility Certificate and Conditions

State Environmental Planning Policy (Housing for Seniors or People with a Disability)2004

Nil.

Site Compatibility Certificate

State Environmental Planning Policy (Infrastructure) 2007

Nil.

Site Compatibility Certificate

State Environmental Planning Policy (Affordable Rental Housing) 2009

Nil

**NOTIFICATION OF EXEMPTIONS AND AUTHORISATIONS - NATION BUILDING AND JOBS PLAN
(STATE INFRASTRUCTURE DELIVERY) ACT 2009**

Nil.

SECTION 149(5) DETAILS

As at the date of this certificate, the following additional information, provided in good faith pursuant to section 149(5) of the Act, relate to the abovementioned land. Council has selected these matters as those most likely to be of concern but they do not comprise an exhaustive list of matters likely to affect the land.

When information pursuant to section 149(5) is requested the Council is under no obligation to furnish any of the information supplied herein pursuant to that section. Council draws your attention to section 149(6) which states that a council shall not incur any liability in respect of any advice provided in good faith pursuant to subsection (5). The absence of any reference to any matter affecting the land shall not imply that the land is not affected by any matter referred to in this certificate.

RESOLUTION TO PREPARE PROPOSED LOCAL ENVIRONMENTAL PLAN

Nil.

PROPOSED DEVELOPMENT CONTROL PLAN

The following plans have been placed on exhibition pursuant to the provisions of section 72 of the Environmental Planning and Assessment Act 1979. Any reference to “Technical Policy” is to be read as a reference to “Development Control Plan”.

Draft Development Control Plan No 99/4 – Residential Waste Management Guidelines

Exhibited on 26 May 1999. The plan will apply to all residential development and subdivision requiring development approval and/or construction certificates under the Environmental Planning and Assessment Act 1979. The aim of the plan is to provide guidelines for provision of on-site storage and disposal facilities for domestic waste, green waste and recycling materials.

The following plan has been prepared in accordance with Section 74 Division 6 of Part 3 of the Environmental Planning and Assessment Act 1979.

Draft Wollongong Development Control Plan 2009

Exhibition date 3 August 2009. The plan will apply to all land to which Wollongong Local Environmental Plan 2009 applies.

The aim of this DCP is to establish objectives and planning controls for the development of land within the City of Wollongong.

The objectives are:

- a) To provide detailed development controls within a single document which support Wollongong Local Environmental Plan 2009.
- b) To encourage urban design excellence.
- c) To ensure appropriate information is submitted with development application.
- d) To ensure that development contributes to the quality of the natural and built environments.
- e) To encourage development that contributes to the quality of the public domain.
- f) To ensure future development responds positively to the qualities of the site and the

- character of the surrounding locality.
- g) To encourage a range of dwelling stock to increase housing choice and availability in the Illawarra Region.
 - h) To encourage the provision of housing that is accessible and adaptable to meet the existing and future needs of all residents, including people with disability.
 - i) To ensure housing is of a high design standard and energy efficient.
 - j) To ensure commercial and industrial development is of a high design standard and energy efficient.
 - k) To ensure new development is consistent with the desired future character for the area as stated within the LEP and this DCP.
 - l) To ensure new development contributes to safe and liveable environments.
 - m) To support the provision of safe and efficient public transport services.
 - n) To protect new development from the threat of bushfire.
 - o) To protect areas of high scenic and aesthetic value.

FILLED LAND

Council has no records to indicate that the land has been filled or partially filled during the course of subdivision works approved by Council. Council's records are incomplete and therefore Council does not certify that the land has not been filled. If you have any doubt as to whether or not the land is affected by fill material the services of a suitably qualified engineer should be obtained.

LAND STABILITY

Council's land constraint/stability assessment maps do not show that the land is located in an area where landslip and/or subsidence have occurred, or where land instability is suspected. If you have any doubt as to whether the land is affected by landslip and/or subsidence the services of a suitably qualified engineer should be obtained.

Note: the advice provided by Council in respect of the stability of the land is based on information contained in Council's land constraint maps. The maps have been compiled from data received by Council and considered by Council to be reasonably reliable. Council does not warrant that its land constraint maps contain all information ever received by Council relating to the stability of the land.

FLOOD AND DRAINAGE

Council's flood hazard/flood assessment maps do not show that the land is located in an area where flooding has occurred or is suspected. If you have any doubt as to whether the land is affected by flooding the services of a suitably qualified engineer should be obtained.

Note 1: Some land may experience water inundation as a result of the creation of stormwater detention basins or channels or flow paths in the course of development of the land.

Note 2: Advice given by Council relating to the likelihood of land being flooded or the nature or extent of such flooding is based on information contained in Council's flood hazard maps. The maps are compiled from data received by Council and considered by Council to be reasonably reliable. Council does not warrant that its flood hazard maps contain all information ever received by Council relating to the likelihood of land being flooded or the nature or extent of any such flooding.

EROSION

Nil

CONTAMINATED LAND

Nil.

ACID SULPHATE SOILS

Nil.

OTHER HERITAGE MATTERS KNOWN TO COUNCIL

Nil.

BUILDING LINES

Note: Where development control plans applying to the land contain building line requirements those requirements take precedence over the building lines listed below.

This parcel of land is affected by Specific Street Alignment and Street Setbacks referred to in Wollongong City Centre Development Control Plan 2007.

DEVELOPMENT HISTORY

Application may be made for a Building Certificate under section 149B of the Environmental Planning and Assessment Act 1979 if written certification of existing buildings on the land is required.

The history of development consent approval applicable to the land may be obtained by consulting the Development Consent Register. Enquiries concerning the register may be made at the City Planning Division Level 4 Council Administration Building, 41 Burelli Street Wollongong during office hours.

OTHER INFORMATION

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For further information, please contact Council’s City Planning Division on (02) 4227 7500.

Issue of this document on behalf of Council has been authorised by:

Margaret Kampen
Customer Service Officer
Wollongong City Council
Direct Line (02) 4227 7319

Applications Details

Cram House, 360-362 Crown Street, WOLLONGONG NSW 2500

Property Applications: BA-1970/1970, Amended Plan (Carports)

Property Applications: BA-1970/1970, Amended Plan (Carport &

W.C.)

Property Applications: BA-1972/1235, Toilet

Property Applications: BA-1973/2365, Garage

Property Applications: BA-1974/125, Carport

Property Applications: BA-1975/1737, Covered Walkway

Property Applications: BA-1977/462, Heated Therapy Pool

Property Applications: BA-1977/3193, Pre-School Day Care Centre

Property Applications: BA-1978/1828, Patio Cover

Property Applications: BA-1980/999, Bus Shelter

Property Applications: DA-1966/53, Nursing Home For Crippled

Children (Rec 29)

Property Applications: DA-1968/224, Nursing Home For Crippled

Children

Property Applications: DA-1977/254, Pre-School Day Care Centre

Property Applications: DA-1978/557, Patio Cover

Property Applications: DA-1979/744, Additions To Nursing Home

For Handicapped Children

Property Applications: DA-1980/316, Bus Shelter-Awning

Property Applications: DA-1980/458, Change Of Use Of Pre-School

To Multiple Sclerosis Therapy Centre

Property Applications: DA-1981/1396, Lot 1 & 7 - Extensions To

Existing Nursing Home

Property Applications: DE-2009/177, Wollongong Private Hospital

CT

Lot 1 DP 565056

Close

StatusDefault

Include

Sub-Properties

Applications Details

364 Crown Street, WOLLONGONG NSW 2500

Property Applications: DA-1973/253, Medical Suites & Flats

Property Applications: DA-1979/744, Additions To Nursing Home

For Handicapped Children

Property Applications: DA-1981/1396, Lot 1 & 7 - Extensions To

Existing Nursing Home

Property Applications: DE-2009/177, Wollongong Private Hospital

CT

Lot 7 DP 661166

AAA

AAA

AAA

AAA

StatusDefault

Include

Sub-Properties

%Close

Applications Details

9 Urunga Parade, WOLLONGONG NSW 2500

Property Applications: BC-1954/493, Dwelling

Property Applications: DE-2009/177, Wollongong Private Hospital

CT

Lot 53 Sec 1 DP 5507



StatusDefault

Include

%Close

Sub-Properties

Applications Details

11 Urunga Parade, WOLLONGONG NSW 2500

Property Applications: BC-1953/935, Flats

Property Applications: DE-2009/177, Wollongong Private Hospital

CT

Lot A DP 381246



StatusDefault

Include
Sub-Properties

%Close

ATTACHMENT G

Anecdotal Information



Supporting people with disabilities

Winner 2003 Illawarra Business Category

Quicklinks

[Home](#)

Go

News

1. Volunteer Program
2. Cram moves to new premises.



About

- History
- Who are we Today?
- Involving Family and Friends
- Our Staff
- Our Commitment
- Nursing Consultancy
- Further Information

History

The Organisation was formed in May 1932 as the Wollongong and District Society for Crippled Children. At the time there were limited facilities within the Illawarra for children with physical disabilities, and the Society was able to provide services to families that were not otherwise available.

The Organisation changed its Constitution and name to The Illawarra Society for Crippled Children in January 1964.

In 1965 a house at 362 Crown Street was bequeathed to the Society following the death of Miss Martha Cram, and was to be used as a children's Hospital and a memorial to the Cram family.

The property was modified in 1971 jointly from funds raised as result of the Lord Mayor's Appeal and Commonwealth Government funds, and was opened as 'The Illawarra Children's Hospital' (Cram House), caring for post-operative and orthopaedic patients.

In January 1972 an adjoining cottage (360 Crown Street) was purchased by the Society and renovated by West Wollongong Rotary Club, and became a special school for children with disabilities. The following year part of Cram House was used as a Day Care Centre. Both these services were later transferred to other community programs.

In 1974 Cram House closed, and in 1975 re-opened as a 'Special Purpose Nursing Home' and quickly filled to capacity to accommodate 26 children with severe disabilities.

In April 1984 extensions to Cram House were opened by Stewart West MP, Member for Cunningham and Minister for Immigration. The extensions were built on adjoining land leased from the Education Department in 1978 and later purchased by the Society. Funds for the extensions came from the community, mainly through a week-end telethon on WIN TV, and the Commonwealth Government.

In 1981 the Society established a community-based group home at Bellambi. It provided accommodation for four children with disabilities and was staffed with Houseparents.

In 1999 the Society changed its name to The Cram Foundation.

The Cram House building became unsuitable for meeting the residents' individual needs and for their privacy, and in accessing and participating in community activities.

During 2002 and 2003 residents moved from Cram House to 'group homes' in the Shellharbour area. These homes are located throughout the community, and each accommodates small groups of residents and are staff on a 24 hour basis.

Cram House was subsequently sold in December 2006 and the administration staff have moved to the Cygnet Centre at Shellharbour City Centre.

Who are we today?

We provide accommodation and other *flexible supports* in a range of services to children and adults who are physically and/or medically frail. We work closely with our clients in developing a Service Plan which forms the basis around which services are provided. This Plan can be reviewed at any time as needs change.

We have successfully completed accreditation with the Department of Ageing Disability and Home Care (DADHC) and are an **Approved Service Provider** for the following programs:

DADHC:

- Accommodation support for children and adults who have an intellectual disability and have complex health care needs
- In-Reach Support for younger people in Residential Aged Care (YPIRAC Project)
- High level In-Home personal care

Lifetime Care and Support Authority:

- Attendant care for children and adults who are catastrophically injured in a motor vehicle accident

Care for health and physical needs

Staff are trained to provide manual handling assistance and health related care tasks. We assist clients to work closely with health professionals and provide support in specific health and disability areas.

Involving Family and Friends

The involvement, inclusion and empowerment of family and friends in the planning and provision of care and support is valued. The Organisation also has a Practices Review Committee where you may wish to be involved in the ongoing development and review of the Organisation and its work.

Information

[Our Story](#)
[Our Governance](#)
[Our Purpose](#)
[Our People](#)
[Working for us](#) [Apply Now](#)

Enquiry

Title	
First Name	
Last Name	
Email Address	
Phone Number	
Enquiry	
Submit	

Our Staff

All staff have a First Aid Certificate and qualifications in disability, aged care or nursing. Staff work hours that are determined by the assessed needs of clients, and perform their duties according to *The Cram Foundation Code of Conduct*. They have direct communication with their supervisor and participate in structured supervision processes.

Our Commitment

We have a strong commitment to our clients and to maintaining the quality of our services at the best possible standard.

We respect client privacy and their right to make decisions about how services are delivered and remain flexible to their needs.

We will listen and respond to complaints, aiming to resolve them quickly.

Nursing Consultancy

Our consultancy service, provided by Registered Nurses, is available to clients and Organisations on a fee-for-service basis:

- For Nursing Assessment and the development of Health Care Plans to direct and assist in managing health care. The Clinical Nurse Consultant can also develop detailed protocols to assist staff and family members to safely carry out health related care tasks
- For clinical audits of service delivery, provision of systems management advice and mentoring in health care management by service providers

For further information:

Services:

[Contact Sheila Frater](#)
Manager Disability Services

Business:

[Contact Ken Dixon](#)
Chief Executive Officer

ATTACHMENT H

NSW EPA Contaminate Site Register Search

[Management overview](#)[Site auditor scheme](#)[Guidelines under the CLM Act](#)[Record of EPA notices](#)[Engaging a consultant](#)[Information on gasworks sites](#)[Regulatory Impact Statement - Proposed Underground Petroleum Storage Systems Regulation](#)[Frequently asked questions](#)[More information about land](#)

Search results

Your search for: LGA:
Wollongong
City Council

Matched 23 notices relating to 11 sites.

[SearchAgain](#)[RefineSearch](#)

Suburb	Address	Site Name	Notices related to this site
Bulli	7 Molloy Street	Scrapmetal Yard	1 former
Dapto	178 Kanahooka Road	Slag Dump	3 former
Fairy Meadow	46-58 Montague Street	Former Caltex Fuel Depot	1 current
Lysaghts	Springhill Road	BHP Area 21	1 former
Lysaghts	2 Five Islands Road	BHP No.2 Steelworks (Flat Products)	1 current and 2 former
Port Kembla	Darcy Road	Orica Chemnet Port Kembla	1 current
Port Kembla	Flinders Street	Port Kembla Bunkering Facility	2 current
Port Kembla	Military and Darcy Roads	Port Kembla Copper	1 current and 3 former
Stanwell Tops	Plateau Road	Christian Conference Centre	1 current
Unanderra	45-49 Princes Highway	Prime - Unanderra	2 current
Yallah	Tallawarra Road	Tallawarra Power Station	1 current and 3 former

Page 1 of 1



27 January 2010

ATTACHMENT I

POEO Register Search

About the public register

Search for licences, applications and notices

Search for prosecutions and civil proceedings

Enforceable undertakings

Exemptions

Frequently asked questions

Glossary

List of licences

List of unlicensed premises

About the POEO Act

Links

Terms of use

Search results

Your search for: **Suburb - wollongong**

matched

1 application for a new licence

plus 7 licences (with applications or notices matching your search)

[Search again](#)

[Return to previous page](#)

Document number	Name	Address	Status
10405	BERENDSEN FLUID POWER PTY LIMITED application summary	109-113 KENNY STREET WOLLONGONG 2500	Refused
611	ENDEAVOUR COAL PTY LIMITED licence summary	MT KEIRA ROAD WOLLONGONG 2500	Issued
3693	GRAINCORP OPERATIONS LIMITED licence summary	TOM THUMB ROAD WOLLONGONG 2500	Issued
1625	PORT KEMBLA COAL TERMINAL LIMITED licence summary	PORT KEMBLA ROAD WOLLONGONG 2500	Issued
686	SOUTH COAST EQUIPMENT PTY LTD licence summary	101 MONTAGUE STREET WOLLONGONG NORTH 2500	No longer in force
11927	SOUTH EASTERN SYDNEY AND ILLAWARRA AREA HEALTH SERVICE licence summary	LOFTUS STREET WOLLONGONG 2500	No longer in force
218	SYDNEY WATER CORPORATION licence summary	PORT KEMBLA ROAD WOLLONGONG 2500	Issued
11847	WYEMELT PTY LIMITED licence summary	BELMORE BASIN WOLLONGONG 2500	Issued

Page 1 of 1



27 January 2010

ATTACHMENT J

Borehole Logs



GEO_LOGIX

PROJECT NO: 1001005

Site: Wollongong

Address: 360-364 Crown Street Wollongong

Date: 12/2/2010

Drilling Method: Hand Auger

Contractor: Geo-Logix

BORING ID: B1

TD (m): 0.4

DTW (m):

Completion:

Logged By: KW

Checked By: BP

DEPTH (m)	SAMPLE INT.	SAMPLE ID	PID ppm	HC ODOURS	USCS	DESCRIPTION	GRAPHIC LOG	COMPLETION
0						FILL: Brownish black (5YR 2/1), damp, 65% sand, 20% clay, 15% silt, odourless, rootlets, trace charcoal fragments and sandstone rubble.		
	☒	B1/0.3, B1, S1	0		FILL	B1 terminated at 0.4 m (target depth).		
-1								

Sample Key:



Hand Auger



Auger



Spilt Spoon

PAGE 1 OF 1

Completion Key



Concrete



Cement



Cuttings



GEO_LOGIX

PROJECT NO: 1001005

Site: Wollongong

Address: 360-364 Crown Street Wollongong

Date: 12/2/2010

Drilling Method: Hand Auger

Contractor: Geo-Logix

BORING ID: B2

TD (m): 0.4

DTW (m):

Completion:

Logged By: KW

Checked By: BP

DEPTH (m)	SAMPLE INT.	SAMPLE ID	PID ppm	HC ODOURS	USCS	DESCRIPTION	GRAPHIC LOG	COMPLETION
0						FILL: Brownish black (5YR 2/1), damp, 80% silt, 20% sand, odourless, rootlets.		
						FILL: Dark yellowish orange (10YR 6/6) mottled pale yellowish brown (10YR 6/2), dry, 90% clay, 10% gravel, reworked native with sandstone gravels.		
	☒	B2/0.3	0		FILL	B2 terminated at 0.4 m (target depth).		
-1								

Sample Key:



Hand Auger



Auger



Spilt Spoon

PAGE 1 OF 1

Completion Key



Concrete



Cement



Cuttings



Contractor: Geo-Logix

Checked By: BP

Sample Key:

	Hand Auger
	Auger
	Spilt Spoon



Checked By: BP



Cuttings



GEO_LOGIX

PROJECT NO: 1001005

Site: Wollongong

Address: 360-364 Crown Street Wollongong

Date: 12/2/2010

Drilling Method: Hand Auger

Contractor: Geo-Logix

BORING ID: B5

TD (m): 0.4

DTW (m):

Completion:

Logged By: KW

Checked By: BP

DEPTH (m)	SAMPLE INT.	SAMPLE ID	PID ppm	HC ODOURS	USCS	DESCRIPTION	GRAPHIC LOG	COMPLETION
0						FILL: Brownish black (5YR 2/1), damp, 50% sand, 25% silt, 25% clay, moderately dense, with brick and gravel inclusions and rootlets.		
	☒	B5/0.3	0		FILL	B5 terminated at 0.4 m (target depth).		
-1								

Sample Key:



Hand Auger



Auger



Spilt Spoon

PAGE 1 OF 1

Completion Key



Concrete



Cement



Cuttings



GEO_LOGIX

PROJECT NO: 1001005

Site: Wollongong

Address: 360-364 Crown Street Wollongong

Date: 12/2/2010

Drilling Method: Hand Auger

Contractor: Geo-Logix

BORING ID: B6

TD (m): 0.4

DTW (m):

Completion:

Logged By: KW

Checked By: BP

DEPTH (m)	SAMPLE INT.	SAMPLE ID	PID ppm	HC ODOURS	USCS	DESCRIPTION	GRAPHIC LOG	COMPLETION
0						FILL: Brownish black (5YR 2/1), damp, 50% silt, 20% sand, 30% clay, moderately dense, with brick and gravel inclusions.		
	☒	B6/0.3	0		FILL	B6 terminated at 0.4 m (target depth).		
-1								

Sample Key:



Hand Auger



Auger



Spilt Spoon

PAGE 1 OF 1

Completion Key



Concrete



Cement



Cuttings

ATTACHMENT K

Laboratory Report

CERTIFICATE OF ANALYSIS

Geo-Logix Pty Ltd
Bld Q2 Level 3, 2309/4 Daydream St
WARRIEWOOD
NSW 2102
Site: WOLLONGONG 1001005

Report Number: 259313-V2 Page 1 of 15
Order Number: 380136
Date Received: Feb 15, 2010
Date Sampled: Feb 10, 2010
Date Reported: Feb 22, 2010
Contact: Ben Pearce

Methods

- USEPA 8141A Organophosphorus Pesticides
- USEPA 8081A Organochlorine Pesticides
- USEPA 8270C Polycyclic Aromatic Hydrocarbons
- USEPA 8260B - MGT 350A Monocyclic Aromatic Hydrocarbons
- TRH C6-C36 - MGT 100A
- USEPA 6020 Heavy Metals & USEPA 7470/71 Mercury
- Method 102 - ANZECC - % Moisture

Comments

Notes

Authorised

Report Number: 259313-V2



Michael Wright
Senior Principal Chemist
NATA Signatory



Dan Thompson
Laboratory Manager NSW



Andrew Thexton
Client Manager
NATA Signatory

GLOSSARY OF TERMS

UNITS

mg/kg	milligrams per Kilogram	mg/l	milligrams per litre
ug/l	micrograms per litre	ppm	Parts per million
ppb	Parts per billion	%	Percentage
org/100ml	Organisms per 100 millilitres	NTU	Units

TERMS

Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
LOR	Limit of Reporting.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
LCS	Laboratory Control Sample - reported as percent recovery
CRM	Certified Reference Material - reported as percent recovery
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands. In the case of water samples these are performed on de-ionised water.
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
Batch Duplicate	A second piece of analysis from a sample outside of the clients batch of samples but run within the laboratory batch of analysis.
Batch SPIKE	Spike recovery reported on a sample from outside of the clients batch of samples but run within the laboratory batch of analysis.
USEPA	United States Environment Protection Authority
APHA	American Public Health Association
ASLP	Australian Standard Leaching Procedure (AS4439.3)
TCLP	Toxicity Characteristic Leaching Procedure
COC	Chain of Custody
SRA	Sample Receipt Advice

QC - ACCEPTANCE CRITERIA

RPD Duplicates	Results <10 times the LOR : No Limit Results between 10-20 times LOR : RPD must lie between 0-50% Results >20 times LOR : RPD must lie between 0-20%
LCS Recoveries	Recoveries must lie between 70-130% - Phenols 30-130%
CRM Recoveries	Recoveries must lie between 70-130% - Phenols 30-130%
Method Blanks	Not to exceed LOR
SPIKE Recoveries	Recoveries must lie between 70-130% - Phenols 30-130%
Surrogate Recoveries	Recoveries must lie between 50-150% - Phenols 20-130%

GENERAL COMMENTS

1. All results in this report supersede any previously corresponded results.
2. All soil results are reported on a dry basis.
3. Samples are analysed on an as received basis.

QC DATA GENERAL COMMENTS

1. Where a result is reported as a less than (<), higher than the nominated LOR this is due to either Matrix Interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. Organochlorine Pesticide analysis - where reporting LCS data, Toxaphene & Chlordane are not added to the LCS.
4. Organochlorine Pesticide analysis - where reporting Spike data, Toxaphene is not added to the Spike.
5. Total Recoverable Hydrocarbons - where reporting Spike & LCS data, a single spike of commercial Hydrocarbon products in the range of C12-C30 is added and it's Total Recovery is reported in the C10-C14 cell of the Report.
6. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of Recovery the term "INT" appears against that analyte.
7. Polychlorinated Biphenyls are spiked only using Arochlor 1260 in Matrix Spikes and LCS's.
8. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
9. Duplicate RPD's are calculated from raw analytical data thus it is possible to have two two sets of data below the LOR with a positive RPD - eg: LOR 0.1, Result A = <0.1 (raw data is 0.02) & Result B = <0.1 (raw data is 0.03) resulting in a RPD of 40% calculated from the raw data.

REPORT SPECIFIC NOTES

Company Name: Geo-Logix Pty Ltd
Address: Bld Q2 Level 3, 2309/4 Daydream St
WARRIEWOOD
NSW 2102

Order No.:
Report #: 259313
Phone: 02 9979 1722
Fax: 02 9979 1222

Received: Feb 15, 2010 12:00
Due: Feb 22, 2010 02:20
Priority: 5 Day
Contact name: Kelly Weir

Client Job No.: WOLLONGONG 1001005

mgt Client Manager: Andrew Thexton

Sample Detail					% Moisture	Asbestos	TRH C6-C9 Fraction by GC	Monocyclic Aromatic Hydrocarbons	Organochlorine Pesticides	Organophosphorous Pesticides	MGT Suite #6
Laboratory where analysis is conducted											
Melbourne Laboratory - NATA Site #1254						X			X	X	X
Sydney Laboratory - NATA Site #18217					X		X	X			
Sample ID	Sample Date	Sampling Time	Matrix	LAB ID							
B1/0.3	Feb 12, 2010		Soil	S10-FE05289	X				X	X	X
B2/0.3	Feb 12, 2010		Soil	S10-FE05290	X	X					X
B3/0.2	Feb 12, 2010		Soil	S10-FE05291	X						X
B4/0.2	Feb 12, 2010		Soil	S10-FE05292	X						X
B5/0.3	Feb 12, 2010		Soil	S10-FE05293	X						X
B6/0.3	Feb 12, 2010		Soil	S10-FE05294	X						X
D1	Feb 12, 2010		Soil	S10-FE05295	X				X	X	X
ACM1	Feb 12, 2010		Soil	S10-FE05296		X					
RIN1	Feb 12, 2010		Water	S10-FE05297							X
TRIPBLANK	Feb 10, 2010		Soil	S10-FE05298			X	X			
TRIPSPIKE	Feb 10, 2010		Soil	S10-FE05299				X			

Geo-Logix Pty Ltd Bld Q2 Level 3, 2309/4 Daydream St WARRIEWOOD NSW 2102	Client Sample ID		B1/0.3	B2/0.3	B3/0.2	B4/0.2
	Lab Number		S10-FE05289	S10-FE05290	S10-FE05291	S10-FE05292
	Matrix		Soil	Soil	Soil	Soil
	Sample Date		Feb 12, 2010	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010
Analysis Type	LOR	Units				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14 Fraction by GC	50	mg/kg	< 50	< 50	< 50	< 50
TRH C15-C28 Fraction by GC	100	mg/kg	< 100	< 100	< 100	< 100
TRH C29-C36 Fraction by GC	100	mg/kg	< 100	< 100	< 100	< 100
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Ethylbenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Xylenes(ortho.meta and para)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Fluorobenzene (surr.)	1	%	80	80	80	75
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Anthracene	0.1	mg/kg	< 0.1	0.1	< 0.1	< 0.1
Benz(a)anthracene	0.1	mg/kg	0.1	0.4	< 0.1	< 0.1
Benzo(a)pyrene	0.1	mg/kg	0.1	0.3	< 0.1	< 0.1
Benzo(b)fluoranthene	0.1	mg/kg	0.1	0.3	< 0.1	0.1
Benzo(g,h,i)perylene	0.1	mg/kg	< 0.1	0.3	< 0.1	< 0.1
Benzo(k)fluoranthene	0.1	mg/kg	0.1	0.3	< 0.1	0.1
Chrysene	0.1	mg/kg	0.2	0.4	< 0.1	0.1
Dibenz(a,h)anthracene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	0.1	mg/kg	0.2	0.7	< 0.1	0.1
Fluorene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Indeno(1,2,3-cd)pyrene	0.1	mg/kg	< 0.1	0.2	< 0.1	< 0.1
Naphthalene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	0.1	mg/kg	0.2	0.3	< 0.1	< 0.1
Pyrene	0.1	mg/kg	0.3	0.7	< 0.1	0.1
Total PAH	0.1	mg/kg	1.3	4.0	< 0.1	0.5
p-Terphenyl-d14 (surr.)	1	%	75	78	74	75
2-Fluorobiphenyl (surr.)	1	%	82	82	77	80

COMMENTS:

Geo-Logix Pty Ltd Bld Q2 Level 3, 2309/4 Daydream St WARRIEWOOD NSW 2102	Client Sample ID		B1/0.3	B2/0.3	B3/0.2	B4/0.2
	Lab Number		S10-FE05289	S10-FE05290	S10-FE05291	S10-FE05292
	Matrix		Soil	Soil	Soil	Soil
	Sample Date		Feb 12, 2010	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010
Analysis Type	LOR	Units				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	-	-	-
4.4'-DDE	0.05	mg/kg	< 0.05	-	-	-
4.4'-DDT	0.05	mg/kg	< 0.05	-	-	-
a-BHC	0.05	mg/kg	< 0.05	-	-	-
Aldrin	0.05	mg/kg	< 0.05	-	-	-
b-BHC	0.05	mg/kg	< 0.05	-	-	-
Chlordane	0.1	mg/kg	0.1	-	-	-
d-BHC	0.05	mg/kg	< 0.05	-	-	-
Dieldrin	0.05	mg/kg	< 0.05	-	-	-
Endosulfan I	0.05	mg/kg	< 0.05	-	-	-
Endosulfan II	0.05	mg/kg	< 0.05	-	-	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	-	-
Endrin	0.05	mg/kg	< 0.05	-	-	-
Endrin aldehyde	0.05	mg/kg	< 0.05	-	-	-
Endrin ketone	0.05	mg/kg	< 0.05	-	-	-
g-BHC (Lindane)	0.05	mg/kg	< 0.05	-	-	-
Heptachlor	0.05	mg/kg	< 0.05	-	-	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	-	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	-	-
Methoxychlor	0.05	mg/kg	< 0.05	-	-	-
Toxophene	0.1	mg/kg	< 0.1	-	-	-
Dibutylchloroendate (surr.)	1	%	135	-	-	-
Tetrachloro-m-xylene (surr.)	1	%	84	-	-	-
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	< 0.2	-	-	-
Chlorpyrifos	0.2	mg/kg	< 0.2	-	-	-
Demeton-O	0.2	mg/kg	< 0.2	-	-	-
Diazinon	0.2	mg/kg	< 0.2	-	-	-

Geo-Logix Pty Ltd Bld Q2 Level 3, 2309/4 Daydream St WARRIEWOOD NSW 2102	Client Sample ID		B1/0.3	B2/0.3	B3/0.2	B4/0.2
	Lab Number		S10-FE05289	S10-FE05290	S10-FE05291	S10-FE05292
	Matrix		Soil	Soil	Soil	Soil
	Sample Date		Feb 12, 2010	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010
Analysis Type	LOR	Units				
Dichlorvos	0.2	mg/kg	< 0.2	-	-	-
Disulfoton	0.2	mg/kg	< 0.2	-	-	-
Ethion	0.2	mg/kg	< 0.2	-	-	-
Ethoprop	0.2	mg/kg	< 0.2	-	-	-
Fenitrothion	0.2	mg/kg	< 0.2	-	-	-
Fensulfothion	0.2	mg/kg	< 0.2	-	-	-
Fenthion	0.2	mg/kg	< 0.2	-	-	-
Merphos	0.2	mg/kg	< 0.2	-	-	-
Methyl azinphos	0.2	mg/kg	< 0.2	-	-	-
Methyl parathion	0.2	mg/kg	< 0.2	-	-	-
Mevinphos	0.2	mg/kg	< 0.2	-	-	-
Naled	0.5	mg/kg	< 0.5	-	-	-
Phorate	0.2	mg/kg	< 0.2	-	-	-
Ronnel	0.2	mg/kg	< 0.2	-	-	-
Tokuthion	0.2	mg/kg	< 0.2	-	-	-
Trichloronate	0.2	mg/kg	< 0.2	-	-	-
Triphenylphosphate (surr.)	1	%	106	-	-	-
% Moisture	0.1	%	18	23	25	17
Asbestos			-	Attached	-	-
Heavy Metals						
Arsenic	2.0	mg/kg	2.2	< 2	< 2	< 2
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	7.0	9.4	18	6.8
Copper	5	mg/kg	9.6	10	8.6	12
Lead	5	mg/kg	68	60	7.1	14
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	< 5	< 5	< 5
Zinc	5	mg/kg	72	35	< 5	11

Geo-Logix Pty Ltd

Geo-Logix Pty Ltd	Client Sample ID		B5/0.3	B6/0.3	D1	ACM1
Bld Q2 Level 3, 2309/4 Daydream St WARRIEWOOD NSW 2102	Lab Number		S10-FE05293	S10-FE05294	S10-FE05295	S10-FE05296
	Matrix		Soil	Soil	Soil	Soil
	Sample Date		Feb 12, 2010	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010
	Analysis Type	LOR	Units			
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	< 20	< 20	< 20	-
TRH C10-C14 Fraction by GC	50	mg/kg	< 50	< 50	< 50	-
TRH C15-C28 Fraction by GC	100	mg/kg	< 100	< 100	< 100	-
TRH C29-C36 Fraction by GC	100	mg/kg	< 100	< 100	< 100	-
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Toluene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Ethylbenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Xylenes(ortho.meta and para)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Fluorobenzene (surr.)	1	%	81	75	75	-
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Acenaphthylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Anthracene	0.1	mg/kg	0.1	< 0.1	< 0.1	-
Benz(a)anthracene	0.1	mg/kg	0.3	0.4	< 0.1	-
Benzo(a)pyrene	0.1	mg/kg	0.2	0.3	< 0.1	-
Benzo(b)fluoranthene	0.1	mg/kg	0.2	0.3	< 0.1	-
Benzo(g,h,i)perylene	0.1	mg/kg	0.1	0.2	< 0.1	-
Benzo(k)fluoranthene	0.1	mg/kg	0.3	0.3	< 0.1	-
Chrysene	0.1	mg/kg	0.4	0.4	< 0.1	-
Dibenz(a,h)anthracene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Fluoranthene	0.1	mg/kg	0.5	0.6	< 0.1	-
Fluorene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Indeno(1.2.3-cd)pyrene	0.1	mg/kg	0.1	0.2	< 0.1	-
Naphthalene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Phenanthrene	0.1	mg/kg	0.3	0.3	< 0.1	-
Pyrene	0.1	mg/kg	0.5	0.6	< 0.1	-
Total PAH	0.1	mg/kg	3.0	3.6	< 0.1	-
p-Terphenyl-d14 (surr.)	1	%	75	73	80	-
2-Fluorobiphenyl (surr.)	1	%	77	77	82	-

COMMENTS:

Geo-Logix Pty Ltd Bld Q2 Level 3, 2309/4 Daydream St WARRIEWOOD NSW 2102	Client Sample ID		B5/0.3	B6/0.3	D1	ACM1
	Lab Number		S10-FE05293	S10-FE05294	S10-FE05295	S10-FE05296
	Matrix		Soil	Soil	Soil	Soil
	Sample Date		Feb 12, 2010	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010
Analysis Type	LOR	Units				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	-	-	< 0.05	-
4.4'-DDE	0.05	mg/kg	-	-	< 0.05	-
4.4'-DDT	0.05	mg/kg	-	-	< 0.05	-
a-BHC	0.05	mg/kg	-	-	< 0.05	-
Aldrin	0.05	mg/kg	-	-	< 0.05	-
b-BHC	0.05	mg/kg	-	-	< 0.05	-
Chlordane	0.1	mg/kg	-	-	0.1	-
d-BHC	0.05	mg/kg	-	-	< 0.05	-
Dieldrin	0.05	mg/kg	-	-	< 0.05	-
Endosulfan I	0.05	mg/kg	-	-	< 0.05	-
Endosulfan II	0.05	mg/kg	-	-	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	-	-	< 0.05	-
Endrin	0.05	mg/kg	-	-	< 0.05	-
Endrin aldehyde	0.05	mg/kg	-	-	< 0.05	-
Endrin ketone	0.05	mg/kg	-	-	< 0.05	-
g-BHC (Lindane)	0.05	mg/kg	-	-	< 0.05	-
Heptachlor	0.05	mg/kg	-	-	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	-	-	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
Methoxychlor	0.05	mg/kg	-	-	< 0.05	-
Toxophene	0.1	mg/kg	-	-	< 0.1	-
Dibutylchloroendate (surr.)	1	%	-	-	143	-
Tetrachloro-m-xylene (surr.)	1	%	-	-	139	-
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	-	< 0.2	-
Chlorpyrifos	0.2	mg/kg	-	-	< 0.2	-
Demeton-O	0.2	mg/kg	-	-	< 0.2	-
Diazinon	0.2	mg/kg	-	-	< 0.2	-

Geo-Logix Pty Ltd Bld Q2 Level 3, 2309/4 Daydream St WARRIEWOOD NSW 2102	Client Sample ID		B5/0.3	B6/0.3	D1	ACM1
	Lab Number		S10-FE05293	S10-FE05294	S10-FE05295	S10-FE05296
	Matrix		Soil	Soil	Soil	Soil
	Sample Date		Feb 12, 2010	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010
Analysis Type	LOR	Units				
Dichlorvos	0.2	mg/kg	-	-	< 0.2	-
Disulfoton	0.2	mg/kg	-	-	< 0.2	-
Ethion	0.2	mg/kg	-	-	< 0.2	-
Ethoprop	0.2	mg/kg	-	-	< 0.2	-
Fenitrothion	0.2	mg/kg	-	-	< 0.2	-
Fensulfothion	0.2	mg/kg	-	-	< 0.2	-
Fenthion	0.2	mg/kg	-	-	< 0.2	-
Merphos	0.2	mg/kg	-	-	< 0.2	-
Methyl azinphos	0.2	mg/kg	-	-	< 0.2	-
Methyl parathion	0.2	mg/kg	-	-	< 0.2	-
Mevinphos	0.2	mg/kg	-	-	< 0.2	-
Naled	0.5	mg/kg	-	-	< 0.5	-
Phorate	0.2	mg/kg	-	-	< 0.2	-
Ronnel	0.2	mg/kg	-	-	< 0.2	-
Tokuthion	0.2	mg/kg	-	-	< 0.2	-
Trichloronate	0.2	mg/kg	-	-	< 0.2	-
Triphenylphosphate (surr.)	1	%	-	-	89	-
% Moisture	0.1	%	14	20	18	-
Asbestos			-	-	-	Attached
Heavy Metals						
Arsenic	2.0	mg/kg	4.4	3.0	< 2	-
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Chromium	5	mg/kg	8.3	8.6	6.4	-
Copper	5	mg/kg	26	34	6.6	-
Lead	5	mg/kg	100	180	17	-
Mercury	0.1	mg/kg	< 0.1	0.1	< 0.1	-
Nickel	5	mg/kg	< 5	< 5	< 5	-
Zinc	5	mg/kg	110	150	28	-

Geo-Logix Pty Ltd	Client Sample ID		TRIPBLANK	TRIPSPIKE
Bld Q2 Level 3, 2309/4 Daydream St WARRIEWOOD NSW 2102	Lab Number		S10-FE05298	S10-FE05299
	Matrix		Soil	Soil
	Sample Date		Feb 10, 2010	Feb 10, 2010
Analysis Type	LOR	Units		
Total Recoverable Hydrocarbons				
TRH C6-C9 Fraction by GC	20	mg/kg	< 20	-
Monocyclic Aromatic Hydrocarbons				
Benzene	0.05	mg/kg	< 0.05	95%
Toluene	0.05	mg/kg	< 0.05	86%
Ethylbenzene	0.05	mg/kg	< 0.05	90%
Xylenes(ortho.meta and para)	0.05	mg/kg	< 0.05	82%
Fluorobenzene (surr.)	1	%	88	74

Geo-Logix Pty Ltd
**Bld Q2 Level 3, 2309/4 Daydream St
WARRIEWOOD
NSW 2102**

Client Sample ID		RIN1
Lab Number		S10-FE05297
Matrix		Water
Sample Date		Feb 12, 2010
Analysis Type	LOR	Units
Total Recoverable Hydrocarbons		
TRH C6-C9 Fraction by GC	0.02	mg/L
TRH C10-C14 Fraction by GC	0.05	mg/L
TRH C15-C28 Fraction by GC	0.1	mg/L
TRH C29-C36 Fraction by GC	0.1	mg/L
Monocyclic Aromatic Hydrocarbons		
Benzene	0.001	mg/L
Toluene	0.001	mg/L
Ethylbenzene	0.001	mg/L
Xylenes(ortho.meta and para)	0.001	mg/L
Fluorobenzene (surr.)	1	%
Polycyclic Aromatic Hydrocarbons		
Acenaphthene	0.001	mg/L
Acenaphthylene	0.001	mg/L
Anthracene	0.001	mg/L
Benz(a)anthracene	0.001	mg/L
Benzo(a)pyrene	0.001	mg/L
Benzo(b)fluoranthene	0.001	mg/L
Benzo(g,h,i)perylene	0.001	mg/L
Benzo(k)fluoranthene	0.001	mg/L
Chrysene	0.001	mg/L
Dibenz(a,h)anthracene	0.001	mg/L
Fluoranthene	0.001	mg/L
Fluorene	0.001	mg/L
Indeno(1.2.3-cd)pyrene	0.001	mg/L
Naphthalene	0.001	mg/L
Phenanthrene	0.001	mg/L
Pyrene	0.001	mg/L
Total PAH	0.001	mg/L
p-Terphenyl-d14 (surr.)	1	%
2-Fluorobiphenyl (surr.)	1	%

COMMENTS:

Geo-Logix Pty Ltd Bld Q2 Level 3, 2309/4 Daydream St WARRIEWOOD NSW 2102	Client Sample ID		RIN1
	Lab Number		S10-FE05297
	Matrix		Water
	Sample Date		Feb 12, 2010
Analysis Type	LOR	Units	
Heavy Metals			
Arsenic	0.001	mg/L	< 0.001
Cadmium	0.0002	mg/L	< 0.0002
Chromium	0.001	mg/L	< 0.001
Copper	0.001	mg/L	< 0.001
Lead	0.001	mg/L	< 0.001
Mercury	0.0001	mg/L	< 0.0001
Nickel	0.001	mg/L	< 0.001
Zinc	0.001	mg/L	< 0.001

Geo-Logix Pty Ltd Bld Q2 Level 3, 2309/4 Daydream St WARRIEWOOD NSW 2102	Client Sample ID	B1/0.3	B1/0.3	RPD	SPIKE	LCS	Method blank
	Lab Number	10-FE05289	10-FE05289	10-FE05289	10-FE05289	Batch	Batch
	QA Description		Duplicate	Duplicate % RPD	Spike % Recovery	% Recovery	
	Matrix	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010
Analysis Type	Units			% RPD	% Recovery	% Recovery	mg/L
Total Recoverable Hydrocarbons							
TRH C6-C9 Fraction by GC		< 20	< 20	< 1	76	88	< 20
TRH C10-C14 Fraction by GC		< 50	< 50	< 1	89	90	< 50
TRH C15-C28 Fraction by GC		< 100	< 100	< 1	-	-	< 100
TRH C29-C36 Fraction by GC		< 100	< 100	< 1	-	-	< 100
Monocyclic Aromatic Hydrocarbons							
Benzene		< 0.05	< 0.05	< 1	78	92	< 0.05
Toluene		< 0.05	< 0.05	< 1	78	89	< 0.05
Ethylbenzene		< 0.05	< 0.05	< 1	77	88	< 0.05
Xylenes(ortho.meta and para)		< 0.05	< 0.05	< 1	75	87	< 0.05
Polycyclic Aromatic Hydrocarbons							
Acenaphthene		< 0.1	< 0.1	< 1	89	88	< 0.1
Acenaphthylene		< 0.1	< 0.1	< 1	83	77	< 0.1
Anthracene		< 0.1	< 0.1	< 1	94	91	< 0.1
Benz(a)anthracene		0.1	0.2	38	70	71	< 0.1
Benzo(a)pyrene		0.1	0.2	54	86	84	< 0.1
Benzo(b)fluoranthene		0.1	0.1	23	88	75	< 0.1
Benzo(g,h,i)perylene		< 0.1	0.2	66	91	79	< 0.1
Benzo(k)fluoranthene		0.1	0.2	40	101	109	< 0.1
Chrysene		0.2	0.2	29	84	88	< 0.1
Dibenz(a,h)anthracene		< 0.1	< 0.1	< 1	94	75	< 0.1
Fluoranthene		0.2	0.3	28	73	77	< 0.1
Fluorene		< 0.1	< 0.1	< 1	96	90	< 0.1
Indeno(1,2,3-cd)pyrene		< 0.1	0.1	72	84	74	< 0.1
Naphthalene		< 0.1	< 0.1	< 1	92	89	< 0.1
Phenanthrene		0.2	0.2	1.0	77	78	< 0.1
Pyrene		0.3	0.3	26	72	80	< 0.1
Organochlorine Pesticides							
4,4'-DDD		< 0.05	< 0.05	< 1	115	102	< 0.05

Geo-Logix Pty Ltd
Bld Q2 Level 3, 2309/4 Daydream St
WARRIEWOOD
NSW 2102

Client Sample	B1/0.3	B1/0.3	RPD	SPIKE	LCS	Method blank
Lab Number	10-FE05289	10-FE05289	10-FE05289	10-FE05289	Batch	Batch
QA Description		Duplicate	Duplicate % RPD	Spike % Recovery	% Recovery	
Matrix	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010
Analysis Type	Units		% RPD	% Recovery	% Recovery	mg/L
Organochlorine Pesticides						
4,4'-DDE	< 0.05	< 0.05	< 1	119	95	< 0.05
4,4'-DDT	< 0.05	< 0.05	< 1	103	78	< 0.05
a-BHC	< 0.05	< 0.05	< 1	110	85	< 0.05
Aldrin	< 0.05	< 0.05	< 1	121	88	< 0.05
b-BHC	< 0.05	< 0.05	< 1	86	71	< 0.05
Chlordane	0.1	0.1	2.0	-	-	< 0.1
d-BHC	< 0.05	< 0.05	< 1	104	82	< 0.05
Dieldrin	< 0.05	< 0.05	< 1	106	100	< 0.05
Endosulfan I	< 0.05	< 0.05	< 1	122	95	< 0.05
Endosulfan II	< 0.05	< 0.05	< 1	111	95	< 0.05
Endosulfan sulphate	< 0.05	< 0.05	< 1	104	89	< 0.05
Endrin	< 0.05	< 0.05	< 1	125	112	< 0.05
Endrin aldehyde	< 0.05	< 0.05	< 1	111	103	< 0.05
Endrin ketone	< 0.05	< 0.05	< 1	107	103	< 0.05
g-BHC (Lindane)	< 0.05	< 0.05	< 1	105	87	< 0.05
Heptachlor	< 0.05	< 0.05	< 1	88	79	< 0.05
Heptachlor epoxide	< 0.05	< 0.05	< 1	90	76	< 0.05
Hexachlorobenzene	< 0.05	< 0.05	< 1	104	108	< 0.05
Methoxychlor	< 0.05	< 0.05	< 1	88	102	< 0.05
Toxophene	< 0.1	< 0.1	< 1	-	-	< 0.1
Organophosphorous Pesticides						
Bolstar	< 0.2	< 0.2	< 1	-	-	< 0.2
Chlorpyrifos	< 0.2	< 0.2	< 1	-	-	< 0.2
Demeton-O	< 0.2	< 0.2	< 1	-	-	< 0.2
Diazinon	< 0.2	< 0.2	< 1	72	85	< 0.2
Dichlorvos	< 0.2	< 0.2	< 1	-	-	< 0.2
Disulfoton	< 0.2	< 0.2	< 1	-	-	< 0.2
Ethion	< 0.2	< 0.2	< 1	82	89	< 0.2

COMMENTS:

Geo-Logix Pty Ltd
Bld Q2 Level 3, 2309/4 Daydream St
WARRIEWOOD
NSW 2102

Client Sample	B1/0.3	B1/0.3	RPD	SPIKE	LCS	Method blank
Lab Number	10-FE05289	10-FE05289	10-FE05289	10-FE05289	Batch	Batch
QA Description		Duplicate	Duplicate % RPD	Spike % Recovery	% Recovery	
Matrix	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010	Feb 12, 2010
Analysis Type	Units		% RPD	% Recovery	% Recovery	mg/L
Organophosphorous Pesticides						
Ethoprop	< 0.2	< 0.2	< 1	-	-	< 0.2
Fenitrothion	< 0.2	< 0.2	< 1	83	95	< 0.2
Fensulfothion	< 0.2	< 0.2	< 1	-	-	< 0.2
Fenthion	< 0.2	< 0.2	< 1	-	-	< 0.2
Merphos	< 0.2	< 0.2	< 1	-	-	< 0.2
Methyl azinphos	< 0.2	< 0.2	< 1	-	-	< 0.2
Methyl parathion	< 0.2	< 0.2	< 1	73	94	< 0.2
Mevinphos	< 0.2	< 0.2	< 1	83	95	< 0.2
Naled	< 0.5	< 0.5	< 1	-	-	< 0.5
Phorate	< 0.2	< 0.2	< 1	-	-	< 0.2
Tokuthion	< 0.2	< 0.2	< 1	-	-	< 0.2
Trichloronate	< 0.2	< 0.2	< 1	-	-	< 0.2
Heavy Metals						
Arsenic	2.2	< 2	13	70	100	< 2
Cadmium	< 0.5	< 0.5	< 1	101	99	< 0.5
Chromium	7.0	8.5	19	-	104	< 5
Copper	9.6	9.7	1.0	111	103	< 5
Lead	68	59	15	126	101	< 5
Mercury	< 0.1	< 0.1	< 1	71	85	< 0.1
Nickel	< 5	< 5	< 1	93	105	< 5
Zinc	72	78	8.0	84	95	< 5

COMMENTS:



AUSTRALIAN SAFER ENVIRONMENT & TECHNOLOGY PTY LTD

ABN 36 088 095 112

Our ref : ASET20385/ 23565 / 1 - 2

Your ref: 259313

NATA Accreditation No: 14484

17 February 2010

MGT Environmental Consulting Pty Ltd
1A, Chilvers Road
Thornleigh NSW 2120

Attn: Mr Ryan Hamilton

Dear Ryan,

Asbestos Identification

This report presents the results of two samples, forwarded by MGT Environmental Consulting Pty Ltd on 16 February 2010, for analysis for asbestos.

1.Introduction:Two samples forwarded were examined and analysed for the presence of asbestos.

2. Methods : The samples were examined under a Stereo Microscope and selected fibres were analysed by Polarized Light Microscopy in conjunction with Dispersion Staining Method **(Safer Environment Method 1.)**

3. Results : **Sample No. 1. ASET20385 / 23565 / 1. 259313 - 10 - FE05296.**
Approx dimensions 6.0 cm x 4.5 cm x 0.35 cm
The sample consisted of a fragment of a fibro cement material containing organic fibres.
No asbestos detected.

Sample No. 2. ASET20385 / 23565 / 2. 259313 - 10 - FE05290.
Approx dimensions 3.5 cm x 3.5 cm x 4.5 cm
The sample consisted of a mixture of clayish soil, stones, plant matter and fragments of plaster and brick.
No asbestos detected.

Analysed and reported by,

Mahen De Silva . BSc. MSc. Grad Dip (Occ Hyg)
Occupational Hygienist / Approved Signatory.
Approved Identifier.



This document is issued in accordance with NATA's Accreditation requirements. Accredited for compliance with ISO/IEC 17025.

SUITE 710 / 90 GEORGE STREET, HORNSBY NSW 2077 – P.O. BOX 1644 HORNSBY WESTFIELD NSW 1635

PHONE: (02) 99872183 FAX: (02)99872151 EMAIL: aset@bigpond.net.au WEBSITE: www.aset.asn.au

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Geo-Logix Pty Ltd

Building Q2, Level 3
2309/4 Daydream St
Warriewood, NSW 2102

ABN: 86 116 892 936

P: (02) 9979 1722
F: (02) 9979 1222

CHAIN OF CUSTODY

Project Manager: K. Weir

Project Name: Wollongong

Project Number: 1001005

Date Submitted: 15.2.10

Purchase Order No: 380136

Quote Reference: _____

Send Invoice to: accounts@geo-logix.com.au

TAT required: Standard

ANALYSIS REQUIRED

Lab ID	Sample ID	Date	Matrix					Comments	COMPOSITE	TPH - C6 - C9	TPH - C10 - C36	VOCs	BTEX	PAHs	PCBs	OCs	OPPs	PCBs	Phenols	Metals - Lead	Metals - Specify	Metals - M8	TCLP	Other 1	Other 2	Other 3	Asbestos
			soil	water	air	paint, filters	other																				
	B1/0.3	12.2.10	/					Site 6 + OC/OP	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	B2/0.3		/					Site 6 + Asbestos	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	B3/0.2		/					Site 6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	B4/0.2		/					Site 6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	B5/0.3		/					Site 6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	B6/0.3		/					Site 6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	DI		/					Site 6 + OC/OP	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Acml						/	Asbestos																			/
	RIN		/	/				Site 6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Trip Blank		/					Site 1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Trip Spike	✓	/					Site 1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

#259313

Metals** (circle) As, Cd, Cr, Cu, Ni, Pb, Zn, Hg, Cr⁶⁺, Cr³⁺, Fe²⁺, Fe³⁺, Be, B, Al, V, Mn, Fe, Co, Se, Sr, Sn, Mo, Ag, Ba, Ti, Bi, Sb

Chain of Custody

Relinquished by: K. Weir Date/Time: 15.2.10 Signature: [Signature] Received by: K. Hamilton Date/Time: 15/2/10 Signature: [Signature]

Sample Receipt Advice

Company name: **Geo-Logix Pty Ltd**
Contact name: **Kelly Weir**
Client job number: **WOLLONGONG 1001005**
COC number: **Not provided**
Turn around time: **5 Day**
Date received: **Feb 15, 2010**
MGT lab reference: **259313**

Sample information

- ☒ A detailed list of analytes logged into our LIMS, is included in the attached summary table.
- ☒ All samples have been received as described on the above COC.
- ☒ COC has been completed correctly.
- ☒ All samples were provided chilled.
- ☒ Appropriately preserved sample containers have been used.
- ☒ All samples were received in good condition.
- ☒ Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.

Contact notes

If you have any questions with respect to these samples please contact:

Andrew Thexton on Phone : (03) 9564 7055 or by e.mail: athexton@mgtenv.com.au

Results will be delivered electronically via e.mail to Kelly Weir - kweir@geo-logix.com.au.

mgt Sample Receipt

Accredited for compliance with ISO/IEC 17025. The results of tests, calibrations and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the APLAC mutual recognition arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.

Quarantine Approved Premises criteria 5.1 for quarantine containment level 1 (QCI) facilities. Class five criteria cover premises utilised for research, analysis and testing of biological material, soil, animal, plant and human products.

CUSTOMER CENTRIC - ANALYTICAL CHEMISTS

FINAL CERTIFICATE OF ANALYSIS - ENVIRONMENTAL DIVISION

Laboratory Report No: E046890
Client Name: Geo-Logix Pty Ltd
Client Reference: 1001005
Contact Name: Kelly Weir
Chain of Custody No: na
Sample Matrix: SOIL

Cover Page 1 of 4
plus Sample Results

Date Received: 15/02/2010
Date Reported: 23/02/2010

This Final Certificate of Analysis consists of sample results, DQI's, method descriptions, laboratory definitions, and internationally recognised NATA accreditation and endorsement. The DQO compliance relates specifically to QA/QC results as performed as part of the sample analysis, and may provide an indication of sample result quality. Transfer of report ownership from Labmark to the client shall only occur once full & final payment has been settled and verified. All report copies may be retracted where full payment has not occurred within the agreed settlement period.

QUALITY ASSURANCE CRITERIA

Accuracy: matrix spike: 1 in first 5-20, then 1 every 20 samples
lcs, crm, method: 1 per analytical batch
surrogate spike: addition per target organic method

Precision: laboratory duplicate: 1 in first 5-10, then 1 every 10 samples

laboratory triplicate: re-extracted & reported when duplicate RPD values exceed acceptance criteria

Holding Times: soils, waters: Refer to LabMark Preservation & THT table
VOC's 14 days water / soil
VAC's 7 days water or 14 days acidified
VAC's 14 days soil
SVOC's 7 days water, 14 days soil
Pesticides 7 days water, 14 days soil
Metals 6 months general elements
Mercury 28 days

Confirmation: target organic analysis: GC/MS, or confirmatory column

Sensitivity: EQL: Typically 2-5 x Method Detection Limit (MDL)

QUALITY CONTROL

GLOBAL ACCEPTANCE CRITERIA (GAC)

Accuracy: spike, lcs, crm general analytes 70% - 130% recovery
surrogate: phenol analytes 50% - 130% recovery
organophosphorous pesticide analytes 60% - 130% recovery
phenoxy acid herbicides, organotin 50% - 130% recovery

anion/cation bal: +/- 10% (0-3 meq/l),
+/- 5% (>3 meq/l)

Precision: method blank: not detected >95% of the reported EQL
duplicate lab 0-30% (>10xEQL), 0-75% (5-10xEQL)
RPD (metals): 0-100% (<5xEQL)
duplicate lab 0-50% (>10xEQL), 0-75% (5-10xEQL)
RPD: 0-100% (<5xEQL)

QUALITY CONTROL

ANALYTE SPECIFIC ACCEPTANCE CRITERIA (ASAC)

Accuracy: spike, lcs, crm analyte specific recovery data
surrogate: <3xsd of historical mean

Uncertainty: spike, lcs: measurement calculated from historical analyte specific control charts

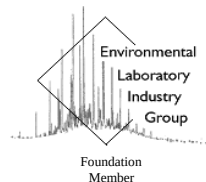
RESULT ANNOTATION

Data Quality Objective	s: matrix spike recovery	p: pending	bcs: batch specific lcs
Data Quality Indicator	d: laboratory duplicate	lcs: laboratory control sample	bmb: batch specific mb
Estimated Quantitation Limit	t: laboratory triplicate	crm: certified reference material	
not applicable	r: RPD relative % difference	mb: method blank	

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NEPC GUIDELINE COMPLIANCE - DQO

1. GENERAL

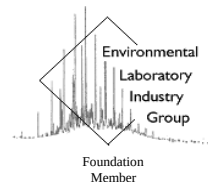
- A. Results relate specifically to samples as received. Sample results are not corrected for matrix spike, lcs, or surrogate recovery data.
- B. EQL's are matrix dependant and may be increased due to sample dilution or matrix interference.
- C. Laboratory QA/QC samples are specific to this project.
- D. Inter-laboratory proficiency results are available upon request. NATA accreditation details available at www.nata.asn.au.
- E. VOC spikes & surrogates added to samples during extraction, SVOC spikes & surrogates added prior to extraction.
- F. Recovery data outside GAC limits shall be investigated and compared to ASAC (historical mean +/- 3sd). If recovery data <20%, then the relevant results for that compound are considered not reliable.
- G. Recovery data (ms, surrogate, crm, lcs) outside ASAC limits shall initiate an investigative action. Anomalous QC data is examined in conjunction with other QC samples and a final decision whether to accept or reject results is provided by the professional judgement of the senior analyst. The USEPA-CLP National Functional Guidelines are referred to for specific recommendations.
- H. Extraction (preparation) date refers to the date that sample preparation was initiated. Note that certain methods not requiring sample preparation (eg. VOCs in water, etc) may report a common extraction and analysis date.
- I. LabMark shall maintain an official copy of this Certificate of Analysis for all traceable reference purposes.

2. CHAIN OF CUSTODY (COC) & SAMPLE RECEIPT NOTICE (SRN) REQUIREMENTS

- A. SRN issued to client upon sample receipt & login verification.
- B. Preservation & sampling date details specified on COC and SRN, unless noted.
- C. Sample Integrity & Validated Time of Sample Receipt (VTSR) Holding Times verified (preservation may extend holding time, refer to preservation chart).

3. NATA ACCREDITED METHODS

- A. NATA accreditation held for each in-house method and sample matrix type reported, unless noted below (Refer to subcontracted test reports for NATA accreditation status).
- B. NATA accredited in-house laboratory methods are referenced from NEPC, ASTM, modified USEPA / APHA documents. Corporate Accreditation No. 13542.
- C. Subcontracted analyses: Refer to Sample Receipt Notice and additional DQO comments.



Laboratory Report: E046890

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4. QA/QC FREQUENCY COMPLIANCE TABLE SPECIFIC TO THIS REPORT

Matrix: **SOIL**

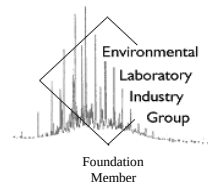
Page:	Method:	Totals:	#d	%d-ratio	#t	#s	%s-ratio
1	BTEX by P&T	1	0	0%	0	0	0%
1	Volatile TPH by P&T (vTPH)	1	0	0%	0	0	0%
2	Petroleum Hydrocarbons (TPH)	1	0	0%	0	0	0%
3	Polycyclic Aromatic Hydrocarbons (PAH)	1	0	0%	0	0	0%
4	Organochlorine Pesticides (OC)	1	0	0%	0	0	0%
5	Organophosphorus Pesticides (OP)	1	0	0%	0	0	0%
6	Acid extractable metals (M7)	1	0	0%	0	0	0%
7	Acid extractable metals - mercury	1	0	0%	0	0	0%
8	Moisture	1	--	--	--	--	--

GLOSSARY:

#d	number of discrete duplicate extractions/analyses performed.
%d-ratio	NEPC guideline for laboratory duplicates is 1 in 10 samples (min 10%).
#t	number of triplicate extractions/analyses performed.
#s	number of spiked samples analysed.
%s-ratio	USEPA guideline for laboratory matrix spikes is 1 in 20 samples (min 5%).

5. ADDITIONAL COMMENTS SPECIFIC TO THIS REPORT

A. All tests were conducted by LabMark Environmental Sydney, NATA accreditation No. 13542, unless indicated below.



Laboratory Report: E046890

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Laboratory QA/QC data shall relate specifically to this report, and may provide an indication of site specific sample result quality. LabMark DOES NOT report NON-RELEVANT BATCH QA/QC data. Acceptance of this self assessment certificate does not preclude any requirement for a QA/QC review by a accredited contaminated site EPA auditor, when and wherever necessary. Laboratory QA/QC self assessment references available upon request.

Laboratory Report No: E046890
Client Name: Geo-Logix Pty Ltd
Contact Name: Kelly Weir
Client Reference: 1001005

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plus cover page
Date: 23/02/10

Final
Certificate
of Analysis

This report supercedes reports issued on: N/A

Laboratory Identification		249899	lcs	mb							
Sample Identification		S1	QC	QC							
Depth (m)		--	--	--							
Sampling Date recorded on COC		12/2/10	--	--							
Laboratory Extraction (Preparation) Date		19/2/10	19/2/10	19/2/10							
Laboratory Analysis Date		22/2/10	22/2/10	22/2/10							
Method : E029.2/E016.2											
BTEX by P&T		EQL									
Benzene	0.2	<0.2	98%	<0.2							
Toluene	0.5	<0.5	101%	<0.5							
Ethylbenzene	0.5	<0.5	96%	<0.5							
meta- and para-Xylene	1	<1	99%	<1							
ortho-Xylene	0.5	<0.5	99%	<0.5							
Total Xylene	--	--	--	--							
CDFB (Surr @ 4 mg/kg)	--	93%	105%	108%							
Method : E029.2/E016.2											
Volatile TPH by P&T (vTPH)		EQL									
C6 - C9 Fraction	10	<10	108%	<10							

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E029.2/E016.2: 8-10g soil extracted with 20ml methanol. Analysis by P&T/GC/FID/MSD.

E029.2/E016.2: 8-10g soil extracted with 20ml methanol. Analysis by P&T/GC/MSD.

Laboratory Report No: E046890
Client Name: Geo-Logix Pty Ltd
Contact Name: Kelly Weir
Client Reference: 1001005

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Final
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This report supercedes reports issued on: N/A

Laboratory Identification		249899	lcs	mb							
Sample Identification		S1	QC	QC							
Depth (m)		--	--	--							
Sampling Date recorded on COC		12/2/10	--	--							
Laboratory Extraction (Preparation) Date		19/2/10	19/2/10	19/2/10							
Laboratory Analysis Date		19/2/10	19/2/10	19/2/10							
Method : E006.2											
Petroleum Hydrocarbons (TPH)		EQL									
C10 - C14 Fraction	50	<50	--	<50							
C15 - C28 Fraction	100	<100	94%	<100							
C29 - C36 Fraction	100	<100	--	<100							
Sum of TPH C10 - C36	--	--	--	--							

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E006.2: 8-10g soil extracted with 20ml DCM/Acetone/Hexane (10:45:45). Analysis by GC/FID.

Laboratory Report No: E046890
Client Name: Geo-Logix Pty Ltd
Contact Name: Kelly Weir
Client Reference: 1001005

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of Analysis

This report supercedes reports issued on: N/A

Laboratory Identification		249899	lcs	mb						
Sample Identification		S1	QC	QC						
Depth (m)		--	--	--						
Sampling Date recorded on COC		12/2/10	--	--						
Laboratory Extraction (Preparation) Date		19/2/10	19/2/10	19/2/10						
Laboratory Analysis Date		19/2/10	19/2/10	19/2/10						
Method : E007.2										
Polyaromatic Hydrocarbons (PAH)	EQL									
Naphthalene	0.5	<0.5	92%	<0.5						
Acenaphthylene	0.5	<0.5	91%	<0.5						
Acenaphthene	0.5	<0.5	91%	<0.5						
Fluorene	0.5	<0.5	91%	<0.5						
Phenanthrene	0.5	<0.5	106%	<0.5						
Anthracene	0.5	<0.5	105%	<0.5						
Fluoranthene	0.5	<0.5	102%	<0.5						
Pyrene	0.5	<0.5	104%	<0.5						
Benz(a)anthracene	0.5	<0.5	109%	<0.5						
Chrysene	0.5	<0.5	92%	<0.5						
Benzo(b)&(k)fluoranthene	1	<1	105%	<1						
Benzo(a) pyrene	0.5	<0.5	104%	<0.5						
Indeno(1,2,3-c,d)pyrene	0.5	<0.5	101%	<0.5						
Dibenz(a,h)anthracene	0.5	<0.5	91%	<0.5						
Benzo(g,h,i)perylene	0.5	<0.5	108%	<0.5						
Sum of reported PAHs	--	--	--	--						
2-FBP (Surr @ 5mg/kg)	--	76%	78%	79%						
TP-d14 (Surr @ 5mg/kg)	--	79%	79%	84%						

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E007.2: 8-10g soil extracted with 20ml DCM/Acetone/Hexane (10:45:45). Analysis by GC/MS.

Laboratory Report No: E046890
Client Name: Geo-Logix Pty Ltd
Contact Name: Kelly Weir
Client Reference: 1001005

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This report supercedes reports issued on: N/A

Laboratory Identification		249899	lcs	mb						
Sample Identification		S1	QC	QC						
Depth (m)		--	--	--						
Sampling Date recorded on COC		12/2/10	--	--						
Laboratory Extraction (Preparation) Date		19/2/10	19/2/10	19/2/10						
Laboratory Analysis Date		20/2/10	20/2/10	20/2/10						
Method : E013.2										
Organochlorine Pesticides (OC)		EQL								
a-BHC	0.05	<0.05	101%	<0.05						
Hexachlorobenzene	0.05	<0.05	104%	<0.05						
b-BHC	0.05	<0.05	102%	<0.05						
g-BHC (Lindane)	0.05	<0.05	102%	<0.05						
d-BHC	0.05	<0.05	110%	<0.05						
Heptachlor	0.05	<0.05	102%	<0.05						
Aldrin	0.05	<0.05	102%	<0.05						
Heptachlor epoxide	0.05	<0.05	104%	<0.05						
trans-chlordane	0.05	<0.05	103%	<0.05						
Endosulfan I	0.05	<0.05	103%	<0.05						
cis-chlordane	0.05	<0.05	105%	<0.05						
Dieldrin	0.05	<0.05	93%	<0.05						
4,4-DDE	0.05	<0.05	94%	<0.05						
Endrin	0.05	<0.05	105%	<0.05						
Endosulfan II	0.05	<0.05	105%	<0.05						
4,4-DDD	0.05	<0.05	104%	<0.05						
Endosulfan sulphate	0.05	<0.05	97%	<0.05						
4,4-DDT	0.2	<0.2	102%	<0.2						
Methoxychlor	0.2	<0.2	104%	<0.2						
DBC (Surr @ 0.2mg/kg)	--	85%	92%	86%						

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E013.2: 8-10g soil extracted with 20ml DCM/Acetone/Hexane (10:45:45). Analysis by GC/dual ECD.

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Client Name: Geo-Logix Pty Ltd
Contact Name: Kelly Weir
Client Reference: 1001005

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This report supercedes reports issued on: N/A

Laboratory Identification		249899	lcs	mb						
Sample Identification		S1	QC	QC						
Depth (m)		--	--	--						
Sampling Date recorded on COC		12/2/10	--	--						
Laboratory Extraction (Preparation) Date		19/2/10	19/2/10	19/2/10						
Laboratory Analysis Date		19/2/10	19/2/10	19/2/10						
Method : E014.2										
Organophosphorus Pesticides (OP)	EQL									
Dichlorvos	0.5	<0.5	89%	<0.5						
Mevinphos (Phosdrin)	0.5	<0.5	83%	<0.5						
Demeton (total)	1	<1	94%	<1						
Ethoprop	0.5	<0.5	96%	<0.5						
Monocrotophos	0.5	<0.5	104%	<0.5						
Phorate	0.5	<0.5	100%	<0.5						
Dimethoate	0.5	<0.5	83%	<0.5						
Diazinon	0.5	<0.5	99%	<0.5						
Disulfoton	0.5	<0.5	103%	<0.5						
Methyl parathion	0.5	<0.5	89%	<0.5						
Ronnel	0.5	<0.5	102%	<0.5						
Fenitrothion	0.5	<0.5	94%	<0.5						
Malathion	0.5	<0.5	83%	<0.5						
Chlorpyrifos	0.5	<0.5	97%	<0.5						
Fenthion	0.5	<0.5	99%	<0.5						
Parathion	0.5	<0.5	99%	<0.5						
Stirofos	0.5	<0.5	87%	<0.5						
Prothiofos	0.5	<0.5	100%	<0.5						
Azinophos methyl	0.5	<0.5	91%	<0.5						
Coumaphos	0.5	<0.5	95%	<0.5						
TPP (Surr @ 2mg/kg)	--	76%	97%	119%						

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E014.2: 8-10g soil extracted with 20ml DCM/Acetone/Hexane (10:45:45). Analysis by GC/MSD.

Laboratory Report No: E046890
Client Name: Geo-Logix Pty Ltd
Contact Name: Kelly Weir
Client Reference: 1001005

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Final
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of Analysis

This report supercedes reports issued on: N/A

Laboratory Identification		249899	crm	lcs	mb						
Sample Identification		S1	QC	QC	QC						
Depth (m)		--	--	--	--						
Sampling Date recorded on COC		12/2/10	--	--	--						
Laboratory Extraction (Preparation) Date		19/2/10	19/2/10	19/2/10	19/2/10						
Laboratory Analysis Date		19/2/10	19/2/10	19/2/10	19/2/10						
Method : E022.2											
Acid extractable metals (M7)		EQL									
Arsenic	1	3	94%	86%	<1						
Cadmium	0.1	<0.1	96%	95%	<0.1						
Chromium	1	11	104%	91%	<1						
Copper	2	13	105%	96%	<2						
Nickel	1	3	99%	94%	<1						
Lead	2	60	98%	97%	<2						
Zinc	5	90	101%	96%	<5						

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E022.2: 0.5g digested in nitric/hydrochloric acid. Analysis by ICP-MS.

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Client Name: Geo-Logix Pty Ltd
Contact Name: Kelly Weir
Client Reference: 1001005

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This report supercedes reports issued on: N/A

Laboratory Identification		249899	crm	lcs	mb						
Sample Identification		S1	QC	QC	QC						
Depth (m)		--	--	--	--						
Sampling Date recorded on COC		12/2/10	--	--	--						
Laboratory Extraction (Preparation) Date		19/2/10	19/2/10	19/2/10	19/2/10						
Laboratory Analysis Date		22/2/10	19/2/10	19/2/10	19/2/10						
Method : E026.2											
Acid extractable metals - mercury		EQL									
Mercury	0.05	0.11	101%	100%	<0.05						

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.

Laboratory Report No: E046890
Client Name: Geo-Logix Pty Ltd
Contact Name: Kelly Weir
Client Reference: 1001005

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Final
Certificate
 of Analysis

This report supercedes reports issued on: N/A

Laboratory Identification		249899									
Sample Identification		S1									
Depth (m)		--									
Sampling Date recorded on COC		12/2/10									
Laboratory Extraction (Preparation) Date		19/2/10									
Laboratory Analysis Date		22/2/10									
Method : E005.2											
Moisture											
Moisture	EQL --	20									

Results expressed in % w/w unless otherwise specified

Comments:

E005.2: Moisture by gravimetric analysis. Results are in % w/w.

Sample Receipt Notice (SRN) for E046890



Quality, Service, Support

Client Details		Laboratory Reference Information	
Client Name: Geo-Logix Pty Ltd Client Phone: 02 9979 1722 Client Fax: 02 9979 1222 Contact Name: Kelly Weir Contact Email: kweir@geo-logix.com.au Client Address: PO Box 353 Mona Vale, NSW 1660 Project Name: 1001005 Project Number: - Not provided - CoC Serial Number: - Not provided - Purchase Order: 380137 Surcharge: No surcharge applied (results by 6:30pm on due date) Sample Matrix: SOIL		Please have this information ready when contacting Labmark. Laboratory Report: E046890 Quotation Number: - Not provided, standard prices apply Laboratory Address: Unit 1, 8 Leighton Pl. Asquith NSW 2077 Phone: 61 2 9476 6533 Fax: 61 2 9476 8219 Sample Receipt Contact: Ros Schacht Email: Ros.Schacht@labmark.com.au Reporting Contact: Leanne Boag Email: leanne.boag@labmark.com.au	
Date Sampled (earliest date): 12/02/2010 Date Samples Received: 15/02/2010 Date Sample Receipt Notice issued: 15/02/2010 Date Preliminary Report Due: 22/02/2010 Client TAT Request Date: 22/02/2010		NATA Accreditation: 13542 TGA GMP License: 185-336 (Sydney) APVMA License: 6105 (Sydney) AQIS Approval: NO356 (Sydney) AQIS Entry Permit: 200521534 (Sydney)	

Reporting Requirements: Electronic Data Download required: No

Invoice Number: 10EA8198

Sample Condition: COC received with samples. Report number and lab ID's defined on COC.
Samples received in good order .
Samples received with cooling media: Crushed ice .
Samples received chilled.
Security seals not used .
Sample container & chemical preservation suitable .

Comments:

Holding Times: Date received allows for sufficient time to meet Technical Holding Times.

Preservation: Chemical preservation of samples satisfactory for requested analytes.

Important Notes:

LabMark shall responsibly dispose of spent customer soil and water samples which includes the disintegration of the sample label. A sample disposal fee of \$1.00 is applicable on all samples received by the laboratory regardless of whether they have undergone analytical testing. Sample disposal of environmental samples shall be 31 days (water) and 3 months (soil, HN03 preserved samples) after laboratory receipt, unless otherwise requested in writing by the client. Samples requested to be held in non-refrigerated storage shall incur \$5.00/ sample/ 3 months. Additional refrigerated storage shall incur \$30/ sample/ 3 months. Combination prices apply only if requested. Transfer of report ownership from LabMark to the client shall occur once full and final payment has been settled and verified. All report copies may be retracted where full payment does not occur within the agreed settlement period.

Analysis comments:

Subcontracted Analyses:

Thank you for choosing Labmark to analyse your project samples.
Additional information on www.labmark.com.au

Sample Receipt Notice (SRN) for E046890



Quality, Service, Support

The table below represents LabMark's understanding and interpretation of the customer supplied sample COC request (refer to SRN comments section on first page for external subcontracting method details). Please confirm that your COC request has been entered correctly. Due to THT and TAT requirements, testing shall commence immediately as per this table, unless the customer intervenes with a correction prior to testing.

GRID REVIEW TABLE				Requested Analysis													
No.	Date	Depth	Client Sample ID	BTEX by P&T	Acid extractable metals - mercury	Acid extractable metals (M7)	Moisture	Organochlorine Pesticides (OC)	Organophosphorus Pesticides (OP)	Polyaromatic Hydrocarbons (PAH)	PREP Not Reported	Petroleum Hydrocarbons (TPH)	Volatile TPH by P&T (vTPH)				
249899	12/02		S1	●	●	●	●	●	●	●	●	●	●				
Totals:				1	1	1	1	1	1	1	1	1	1				

'PREP Not Reported' refers to an internal laboratory instruction - client confirmation of this parameter is not required.

Thank you for choosing Labmark to analyse your project samples.
Additional information on www.labmark.com.au

Sample
Receipt
Notice (SRN) for **E046890**



Quality, Service, Support

				Requested Analysis															
No.	Date	Depth	Client Sample ID	M8 - M7-T_S															
249899	12/02		S1	●															
Totals:				1															

Thank you for choosing Labmark to analyse your project samples.
Additional information on www.labmark.com.au

CHAIN OF CUSTODY

Project Manager: K. Weir

Purchase Order No: 380137

Project Name: Wollongong

Quote Reference:

Project Number: 1001005 Date Submitted: 15.2.10

Send Invoice to: accounts@geo-logix.com.au

TAT required: Standard

ANALYSIS REQUIRED

[illegible]Metals** (circle) As, Cd, Cr, Cu, Ni, Pb, Zn, Hg, Cr⁶⁺, Cr³⁺, Fe²⁺, Fe³⁺, Be, B, Al, V, Mn, Fe, Co, Se, Sr, Sn, Mo, Ag, Ba, Tl, Bi, Sb

Chain of Custody

Relinquished by: K. Weir Date/Time: 15-2-10 Signature: [Signature] Received by: [Signature] Date/Time: 15/2 Signature: [Signature]

F046890

Rec'd
J. M. Hall
15/2/10
1145



GEO_LOGIX PTY LTD

ABN 86 116 892 936

Building Q2, Level 3
Suite 2309, 4 Daydream Street
Warriewood NSW 2102

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Web www.geo-logix.com.au