APPENDIX B

HISTORICAL AERIAL PHOTOGRAPHS





GEOTECHNIQUE PTY LTD



1978







APPENDIX C

SECTION 149 CERTIFICATE

PENRITH CITY COUNCIL Serving Our Community

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Telephone: 02 4732 7777 Facsimile: 02 4732 7958

PLANNING CERTIFICATE UNDER SECTION 149

Environmental Planning and Assessment Act, 1979

Property No:541596Your Reference:frances kuipers postContact No.47222700

 Issue Date:
 11/10/2004

 Certificate No:
 04/04541

 Receipt Date:
 11/10/2004

 Receipt No:
 2166556

Issued to: Geotechnique Pty Ltd DX 8032 Penrith

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PRECINCT 996

DESCRIPTION OF LAND

County: CUMBERLAND Parish: MULGOA

Location:164 Station Street Penrith NSW 2750Land Description:Lot 12 DP 234581

- PART 1 PRESCRIBED MATTERS -

In accordance with the provisions of Section 149(2) of the Act the following information is furnished in respect of the abovementioned land:

1 NAMES OF RELEVANT SEPPs, REPs, LEPs AND DCPs

1(1)(a) The names of each local environmental plan and deemed environmental planning instrument applying to the land:

The City of Penrith Planning Scheme, prescribed 18 March 1960, as amended, applies to the land.

Penrith Local Environmental Plan No. 255 – Exempt and Complying Development, gazetted 24 March 2000, as amended, (also) applies to land within the City of Penrith. (Note: This plan does not apply to the land to which Sydney Regional Environmental Plan No.30 – St Marys applies, except as provided by clause 43 of SREP No. 30 – St Marys.)

Penrith Local Environmental Plan No. 258 – Consent for Dwelling Houses and Other Development, gazetted 29 June 2001, (also) applies to all land within the City of Penrith.

1(1)(b) The names of each draft local environmental plan applying to the land that has been placed on exhibition under section 66(1) (b) of the Act:

The land is not affected by a draft local environmental plan that has been placed on exhibition under Section 66(1)(b) of the Act.

1(1)(c) The names of each development control plan applying to the land that has been prepared by the council under section 72 of the Act:

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Additional development control plans applying in the City of Penrith

Child Care Development Control Plan.

This plan applies to all land within the City of Penrith where a child care centre is permissible with Council's consent.

Erosion and Sediment Control Development Control Plan.

This plan provides minimum requirements for the control of erosion and sediment loss from properties subject to land use or development activities.

Engineering Works Development Control Plan.

This plan ensures a consistent approach to the design and construction of engineering works and sets performance standards for the design and construction of engineering works.

Notification and Advertising Development Control Plan.

This plan applies to all land in the Penrith City Area to which a development application is required or is the subject of a draft local environmental plan or draft development control plan.

Contaminated Land Development Control Plan.

This plan is implemented when zoning or land use is proposed to be changed or altered on lands which have previously been used for certain purposes or land which has been remediated for a specific use. Consideration of Council's adopted Development Control Plan and the application of provisions under relevant state legislation is recommended. Further information may be provided pursuant to Section 149(5), upon application and in accordance with the Environmental Planning and Assessment Act, 1979.

Advertising Signs Development Control Plan.

This plan provides details and requirements in respect to advertisements for a variety of land uses within the Penrith City area.

Exempt and Complying Development Development Control Plan.

This plan identifies the types of development that are exempt and complying development (for the purposes of Penrith Local Environmental Plan No. 255 Exempt and Complying Development), and provides detailed requirements applying to exempt and complying development.

Residential Construction Works Development Control Plan.

This plan applies to all land in the Penrith City Area and identifies specific requirements relating to residential construction.

Waste Planning Development Control Plan.

This plan aims to facilitate sustainable waste management in accordance with the principles of ecological sustainable development. The plan applies to development where consent is required for demolition, construction and / or change of use, for residential, commercial and industrial developments in the City of Penrith.

Health Care Consulting Rooms Development Control Plan.

This plan applies to all land within the City of Penrith where a health care consulting room is permissible with Council's consent.

Outdoor Trading and Eating Areas Development Control Plan.

This plan applies to land within the Penrith City Centre and Queen Street, St. Marys which permits the operation of business or commercial purposes . Rural Sheds Development Control Plan.

This plan applies to rural sheds which are proposed to be constructed on rural zoned land within the City of Penrith.

Landscape Development Control Plan.

This plan aims to improve the standard of landscaping associated with new development by establishing a set of landscape guidelines and requiring the use of landscape professionals for larger developments.

Baby Care Rooms Development Control Plan.

This plan applies to all new development classed as 6 or 9 under the Building Code of Australia and may also be required to be provided in conjunction with substantial alterations and additions or changes of use to class 6 or 9 premises.

Heritage Management Development Control Plan.

This plan applies to all land within the City of Penrith, including land subject to Penrith Local Environmental Plan 1991 (Environmental Heritage

Conservation), except for that land located within Sydney Regional Environmental Plan No.11 - Penrith Lakes Scheme. Crime Prevention Through Environmental Design Development Control Plan.

This plan applies to all development in the City of Penrith on both public and private land.

1(2)(a) The names of each regional environmental plan applying to the land:

Sydney Regional Environmental Plan No.9 - Extractive Industry (No.2), gazetted 15 September 1995, applies to the local government area of Penrith.

Sydney Regional Environmental Plan No. 20 - Hawkesbury-Nepean River (No. 2 - 1997), gazetted 7 November 1997, applies to the local government area of Penrith (except land to which Sydney Regional Environmental Plan No. 11 -Penrith Lakes Scheme applies).

1(2)(b) The names of each draft regional environmental plan applying to the land that has been placed on exhibition under section 47(b) of the Act:

No draft regional environmental plan that has been placed on exhibition under section 47(b) of the Act applies to the land.



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1(2)(c) The names of each development control plan applying to the land that has been prepared by the Director-General under section 51A of the Act:

No development control plan that has been prepared by the Director-General under section 51A of the Act applies to the land

1(3)(a) The names of each State environmental planning policy applying to the land:

State Environmental Planning Policy No. 1 - Development Standards.

State Environmental Planning Policy No. 4 - Development Without Consent and Miscellaneous Exempt and Complying Development. (Note: This policy may not apply to land reserved for certain public purposes. See clause 4 of the policy).

State Environmental Planning Policy (Seniors Living) 2004 (Note: This policy applies to land that is zoned primarily for urban purposes. or adjoins land so zoned, and on which development for the purposes of dwelling-houses, residential flat buildings, hospitals or special uses (including (but not limited to) churches, convents, educational establishments, schools and seminaries) are permitted.

This policy does not apply to land described in Schedule 1 (Environmentally sensitive land), land zoned for industrial purposes, land to which an interim heritage order made under the Heritage Act 1977 applies, or land to which a listing on the State Heritage Register kept under the Heritage Act 1977 applies.)

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

State Environmental Planning Policy No. 8 - Surplus Public Land. (Note: This policy does not apply to certain land referred to in the National Parks and Wildlife Act 1974, the Crown Lands Consolidation Act 1913 and the Forestry Act 1916; land to which State Environmental Planning Policy No. 26 Littoral Rainforest applies; and land identified as open space, recreation, national park or coastal lands acquisition under an environmental planning instrument.)

State Environmental Planning Policy No. 9 - Group Homes.

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

State Environmental Planning Policy No. 11 - Traffic Generating Developments.

State Environmental Planning Policy No. 19 - Bushland in Urban Areas. (Note: This policy does not apply to certain land referred to in the National Parks and Wildlife Act 1974 and the Forestry Act 1916).

State Environmental Planning Policy No. 21 - Caravan Parks.

State Environmental Planning Policy No. 22 - Shops and Commercial Premises. (Note: This policy does not apply to land within Zone No. 3(b) or 3(c) under Penrith Local Environmental Plan 1997 (Penrith City Centre).)

State Environmental Planning Policy No. 30 - Intensive Agriculture.

State Environmental Planning Policy No. 32 - Urban Consolidation (Redevelopment of Urban Land). (Note: This policy does not apply to land identified as coastal protection, environmental protection, escarpment, floodway, natural hazard, non-urban, rural, rural residential, water catchment or wetland.)

State Environmental Planning Policy No. 33 - Hazardous and Offensive Development.

State Environmental Planning Policy No. 34 - Major Employment - Generating Industrial Development.

State Environmental Planning Policy No. 37 - Continued Mines and Extractive Industries.

State Environmental Planning Policy No. 45 - Permissibility of Mining.

State Environmental Planning Policy No. 48 - Major Putrescible Landfill Sites.

State Environmental Planning Policy No. 50 - Canal Estate Development. (Note: This policy does not apply to the land to which Penrith Local Environmental Plan 1998 (Lakes Environs) and Sydney Regional Environmental Plan No. 11 - Penrith Lakes Scheme apply.)

State Environmental Planning Policy No. 55 - Remediation of Land.

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 No. 70 – Affordable Housing (Revised Schemes).

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

State Environmental Planning Policy (ARTC Rail Infrastructure) 2004.

1(3)(b) The names of each draft State environmental planning policy applying to the land that has been publicised as referred to in section 39(2) of the Act:

Draft State Environmental Planning Policy (SEPP 66) - Integrated Landuse and Transport applies to the land.



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Draft State Environmental Planning Policy (Application of Development Standards) 2004 applies to this land.

2 ZONING AND LAND USE UNDER RELEVANT LEPs

2(a)-(d) The identity of the zone; the purposes that may be carried out without development consent; the purposes that may not be carried out except with development consent; and the purposes that are prohibited within the zone.

If these sections apply to the land details are shown below and/or in annexures.

Under the terms of the City of Penrith Planning Scheme the land is zoned as Light Industrial.

Penrith Local Environmental Plan No. 255 – Exempt and Complying Development.

In addition to any controls detailed above Penrith Local Environmental Plan No. 255 – Exempt and Complying Development sets out further circumstances where development consent may or may not be required for certain development known as "exempt development" or "complying development". Please see attached lists for development that may be exempt or complying and refer to the local environmental plan (and the accompanying development control plan) for full details. (See note on page 1 regarding the application of this plan to land to which Sydney Regional Environmental Plan No.30 – St Marys applies.)

Penrith Local Environmental Plan No. 258 - Consent for Dwelling Houses and Other Development

In addition to any controls detailed above Penrith Local Environmental Plan No. 258 – Consent for Dwelling Houses and Other Development sets out further circumstances where development consent will be required for particular development. A copy of this LEP is attached.

2(e) whether any development standards applying to the land fix minimum land dimensions for the erection of a dwelling-house on the land and, if so, the minimum land dimensions so fixed:

No minimum land area provisions for the erection of a dwelling-house apply to the land (if a dwelling-house is permissible on the land).

Note: If a dwelling-house is permissible on the land there may be certain performance requirements with regard to land dimensions affecting construction. In this regard Council has not considered the physical configuration or suitability of this particular land for the erection of a dwelling-house.

2(f) whether the land includes or comprises critical habitat:

The land does not include or comprise critical habitat.

2(g) whether the land is in a conservation area (however described):

The land is not in a conservation area.

2(h) whether an item of environmental heritage (however described) is situated on the land:

An item of environmental heritage is not situated on the land.

3 DECLARED STATE SIGNIFICANT DEVELOPMENT

Pursuant to section 76A(7)((b) of the Act the Minister has declared the following development or classes of development to be State significant development:

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1. Development to which State Environmental Planning Policy No. 34 - Major Employment Generating Industrial Development applies.

- 2. Development to which State Environmental Planning Policy No. 48 Major Putrescible Landfill Sites applies.
- 3 An extractive industry, if in the opinion of the consent authority:

the resource has been identified as being of State or regional significance in a strategic plan adopted by (i) the Director-General: or

- (ii) the total resource (the subject of the development application) is greater than 5 million tonnes; or
- (iii) the proposed extraction rate is greater than 200,000 tonnes per annum; or
- the project is to be located in an "environmentally sensitive area of State significance". (iv)
- An aquaculture industry if in the opinion of the consent authority,

the project has been identified as being of State or regional significance in a strategic plan adopted by the (i)Direct-General; or

- the project will employ more than 20 people; or (ii)
- (iii) the project is to be located in an "environmentally sensitive area of State significance".
- 5 A railway freight terminal if in the opinion of the consent authority.

the project has been identified in a Freight Strategy prepared by the Department of Transport adopted by (i) the Director-General; or

- the project employs more than 100 people; or (ii)
- (iii) the capital investment value of the project is \$20M or more; or
- the project is to be located in an "environmentally sensitive area of State significance". (iv)

(Environmentally sensitive area of State significance

- For the purpose of the Declaration, environmentally sensitive areas of State significance means: land identified and mapped in SEPP 14 or SEPP 26, or (a)
- land reserved as an aquatic reserve or marine park under the Fisheries Management Act 1994, or (b)
- land declared under RAMSAR or recognised as a World Heritage area; or (c)
- land identified in a planning instrument as being of Aboriginal cultural significance; or (d)
- land identified approved by the Minister for the Environment for inclusion in a National Park but which has not yet been gazetted; (e) ot
- land identified as being critical habitat or habitats of threatened populations or ecological communities listed in the Threatened (f) Species Conservation Act at the time the development application was lodged.)

6. All development for the purposes of canals or other artificial waterways except those prohibited by State Environmental Planning Policy No.50 - Canal Estate Development.

7. New coal mines that require new mining leases as provided for under section 63 of the Mining Act 1992.

8. All coal mining-related development associated with development approvals previously given by the Minister on or from 4 June 1987.

9. Development partly or wholly within land to which State Environmental Planning Policy No 71 - Coastal Protection applies, and to which State Environmental Planning Policy No 1 - Development Standards, State Environmental Planning Policy No 14 - Coastal Wetlands or State Environmental Planning Policy No 26 - Littoral Rainforests apply, which requires the concurrence of the Minister or The Director-General, and which except for clause (9)(2)(a) of State Environmental Planning Policy No 71, would otherwise be State significant development pursuant to clause 10(1) of that Policy.

COASTAL PROTECTION 4

The land is not affected by the operation of sections 38 or 39 of the Coastal Protection Act 1979, to the extent that council has been so notified by the Department of Public Works.

5 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 6

The land is not affected by any road widening or road realignment under:



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(a) Division 2 of Part 3 of the Roads Act 1993, or(b) an environmental planning instrument, or(c) a resolution of council.

7 COUNCIL AND OTHER PUBLIC AUTHORITY POLICIES ON HAZARD RISK RESTRICTIONS

(a) Council Policies

The land has not been identified as being subject to Council's Interim Policy for the Development of Flood Liable Land. The land is not affected by a policy adopted by the council that restricts the development of the land because of the likelihood of land slip, bushfire, tidal inundation, subsidence, acid sulphate soils or any other risk.

(b) Other Public Authority Policies

The Bush Fire Co-ordinating Committee has adopted a Bush Fire Risk Management Plan that covers the local government area of Penrith City Council, and includes public, private and Commonwealth lands.

The land is not affected by a policy adopted by any other public authority and notified to the council for the express purpose of its adoption by that authority being referred to in planning certificates issued by the council, that restricts the development of the land because of the likelihood of land slip, flooding, tidal inundation, subsidence, acid sulphate soils or any other risk.

8 LAND RESERVED FOR ACQUISITION

No environmental planning instrument, deemed environmental planning instrument or draft environmental planning instrument applying to the land provides for the acquisition of the land by a public authority, as referred to in section 27 of the Act.

9 CONTRIBUTIONS PLANS

The Open Space in Existing Residential Areas Development Contributions Plan applies to all residential zones within the City of Penrith, except the villages and other areas covered by section 94 plans for open space improvements.

The Library Facilities (Amendment No.1) in the City of Penrith Development Contributions Plan applies to developments which increase population in the City.

(Note: This plan does not apply to the Glenmore Park, Claremont Meadows (Stage 1), Erskine Park and Cranebrook urban releases.)

The Footpath Construction in Established Residential Areas of the City Development Contributions Plan applies anywhere residential development is permitted with the established urban areas of the city.

The Cultural Facilities Development Contributions Plan applies anywhere residential development is permitted within the City of Penrith.

10 MATTERS ARISING UNDER THE CONTAMINATED LAND MANAGEMENT ACT 1997

(a) The land to which the certificate relates is not within land declared to be an **investigation area** or **remediation site** under Part 3 of the Contaminated Land Management Act 1997.

(b) The land to which the certificate relates is not subject to an **investigation order** or a **remediation order** within the meaning of the Contaminated Land Management Act 1997.

(c) The land to which the certificate relates is not the subject of a voluntary investigation proposal (or voluntary

Certificate No. 04/04541

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remediation proposal) the subject of the Environment Protection Authority's agreement under section 19 or 26 of the Contaminated Land Management Act 1997.

(d) The land to which the certificate relates is not the subject of a site audit statement within the meaning of Part 4 of the Contaminated Land Management Act 1997.

11 BUSH FIRE PRONE LAND

The land is not identified as bush fire prone land according to Council records.

Note: The Environmental Planning and Assessment Amendment Act 1997 commenced operation on the 1 July 1998. As a consequence of this Act the information contained in this certificate needs to be read in conjunction with the provisions of the Environmental Planning and Assessment (Amendment) Regulation 1998, Environmental Planning and Assessment (Further Amendment) Regulation 1998 and Environmental Planning and Assessment (Savings and Transitional) Regulation 1998.

Information is provided only to the extent that Council has been notified by the Department of Public Works, The Department of Urban and Transport Planning or the Roads and Traffic Authority.

Note: This is a certificate under section 149(2) of the Environmental Planning and Assessment Act, 1979 and is only provided in accordance with that section of the Act.

Further information relating to the subject property can be provided under section 149(5) of the Act. If such further information is required Council indicates that a full certificate under sections 149(2) and 149(5) should be applied for. Contact Council for details as to obtaining the additional information.

Alan Travers, General Manager.

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Exempt and Complying Development

NOTE: For development to be "Exempt Development" or "Complying Development" it MUST comply with the requirements specified within Penrith Local Environmental Plan No. 255 – Exempt and Complying Development, and Penrith Development Control Plan – Exempt and Complying Development.

Exempt Development

Advertisem	ent / Signs	Minor Ancillary Development (cont.)
	ent displaying a message changed from that y a previously approved advertisement.	 Minor internal (non-structural) alterations to existing business or office premises, and shops (other than food shop, take-
		away food shop or restaurant).
	ent erected on land zoned Rural Conservation	• Minor internal (non-structural) alterations to existing dwelling
	EP No. 13 – Mulgoa Valley; or land zoned Protection or Rural under SREP No. 25 –	or dwelling house.
Orchard Hil		
	ent within a site being a sign which is not visible	• Park and street furniture (seats, bins, picnic tables, minor
	e the site on which it is displayed.	shelters and bus shelters) by Penrith City Council.
	directional sign (traffic directional, street signs). Ientification sign.	 Pergola (no roof covering). Playground equipment on land classified as Community Land
• Dusiness io		by Penrith City Council.
property on	village sign being an advertisement erected on a which Council has approved an "exhibition home	 Privacy screen for domestic purposes on a residential property.
or homes".Public notic	e.	• Re-cladding of walls to existing dwelling, dwelling house,
Destadate		ancillary residential or rural building.
 Real estate 	sign.	Replace or repair existing roof to a dwelling, dwelling house, ancillary residential or rural building.
 Sponsorshi 	p advertising in sporting fields or grounds.	 Retaining walls required as a result of excavations associated
		with the construction of a building or structure.
 Temporary 		 Satellite dish for domestic purposes.
Minor An	ncillary Development	Screen enclosure attached to existing dwelling house.
Access ram	ps for people with disabilities.	Shade structure to be erected on land owned by Penrith City Council.
	d antennae but not including satellite dishes.	Skylight or rooflight for existing dwelling or dwelling house.
	purposes only.) oners and exhaust fans for existing dwelling	Solar water heater, solar panels and solar lighting.
house.	she is and exhaust lans for existing dwelling	• Solar Water Heater, Solar parters and Solar lighting.
 Awning, car 	nopy or stormblind attached to existing dwelling	Tennis court for private / non-commercial use on a rural zoned
house.		property and associated with a dwelling house.
	enclosure in which birds are kept for domestic ot including poultry or pigeons).	 Waste storage container (waste / skip bin) temporarily being placed in a public place.
	associated with existing dwelling or dwelling	 Water heater excluding solar systems.
house.		
	ected for security purposes to existing business ffice premises, or shop.	 Windows, glazed areas and external door replacement for existing dwelling, dwelling house, or other ancillary residential building.
 Bridges and 	staircases in Penrith City Council's public parks	Water storage tank.
and recreati		• In Residential zones (water tanks at or above ground
		level).
		 In Rural zones (water tanks at or above ground level, or below ground level).
		On land owned, controlled or managed by Penrith City Council (water tank at or above ground level.)
 Cabana or g 	gazebo.	Use of Land or Building.
Carport for	existing dwelling house.	Agriculture not including aquaculture, dams, intensive animal industries and intensive bortioulture establishments.
Childproof e	enclosures for dangerous dogs or restricted dogs	 industries and intensive horticulture establishments. Ancillary building associated with the agricultural use of the
	under the Companion Animals Act, 1998.	land.
	or hoist for domestic purposes.	Bed and breakfast establishment in existing dwelling house.
	se at ground level.	Class 9b building for the purpose of a public meeting.
	io attached to existing dwelling house. In to be used for the display of corporate flags for	 Family day-care home in existing dwelling house. Home activity or home occupation in existing dwelling or
	is of advertisement.	dwelling house.
	d, greenhouse, and the like.	New use of existing business premises or office premises to
· Cool and	sighteereene and similar assilts and	another business premises or office premises.
	on sporting or playing fields (excludes	New use of existing business premises to another business premises.
	s, dressing sheds and the like).	promoco.
 Isolation sv 	vimming pool safety fencing for existing pools	• New use of existing shop to another shop (other than a food
	or to the 1 August 1990, for domestic properties.	shop, take-away food shop or a shop trading principally in
• Lighting of F	Penrith City Council's sporting or playing fields.	bulky goods).
	error ony council's sporting of playing lields.	 Temporary use of existing building as a place of public entertainment.
 Minor extern 	nal repairs to existing dwelling or dwelling house.	

0	ther Minor Development
•	Boundary adjustment.
•	Demolition of:
	 Single storey residential construction and ancillary, single storey development (including swimming pools), and
	• All exempt activities in this Schedule (other than 'Isolation Swimming Pool Fencing').

- Fences other than swimming pool fencing covered by the Swimming Pools Act 1992.
 - In Industrial zones.
 - In Residential zones.
 - In Rural zones (including entrance gates).
 - In Open Space zones.

Complying Development

- Dwelling house (single storey detached dwelling house, but not a re-sited dwelling).
- Single storey additions and alterations to existing single storey dwelling house (including awning, screen enclosure and / or pergola).
- Ground and first floor additions and alterations to existing dwelling house in rural areas (including awning, screen enclosure and / or pergola).
- Carport or garage (including garden shed) associated with existing dwelling house.
- Farm shed (building used for farm or agricultural purposes only).
- Swimming pool (above or in-ground) associated with existing dwelling house. Non – commercial swimming pool.
- Internal structural works associated with a bed and breakfast establishment in an existing dwelling house.
- Demolition of a building up to 2 storeys (of residential construction).
- Strata subdivision of completed development only.
- New use to a business premises in an approved industrial building or unit.
- New use to a light industry in an approved industrial building or unit.
- Change in building classification as a result of new use of existing unit or building and may include internal alterations. New use may involve a commercial premises, business premises, office premises, or shop (other than a food shop or take-away food shop).
- Internal alterations to existing commercial, business or office premises, or shop (other than a food shop or take-away food shop).
- · Internal alterations to existing industrial unit or building.
- New use of existing commercial or industrial unit or shop as a food shop or take-away food shop including internal alterations.
- Internal alterations to an existing food shop or take-away food shop.

Penrith Local Environmental Plan No 258 – Consent for Dwelling Houses and Other Development

1 Name of plan

This plan is Penrith Local Environmental Plan No 258 – Consent for Dwelling Houses and Other Development.

2 Aims of plan

This plan aims to:

- (a) require development consent for dwelling houses on residentially zoned land within the City of Penrith, and
- (b) require development consent for dwelling houses on land within the Non-urban zone under the *Penrith Planning Scheme Ordinance* and on land within the Special Business zone under *Penrith Local Environmental Plan 1997 (Penrith City Centre)*, and
- (c) require development consent for dwelling houses attached to and used in conjunction with shops on land within the Neighbourhood Business zone under the *Penrith Planning Scheme Ordinance*, and
- (d) require development consent for the following:
 - (i) the erection of a building or structure ordinarily associated with a dwelling house,
 - (ii) a change of building use,

Note. At the commencement of this plan, **a change of building use** meant a change of use of a building from a use that the *Building Code of Australia* recognises as appropriate to one class of building to a use that the *Building Code of Australia* recognises as appropriate to a different class of building.

- (iii) demolition of a building or structure,
- (iv) carrying out structural alterations to a building, internal alterations to a building, or external building work in association with business premises, a bed and breakfast establishment, office premises, commerical premises or take away food shops,
- (v) the subdivision of land,

to the extent to which such development does not already require development consent because of another environmental planning instrument in order to be carried out.

3 Land to which plan applies

This plan applies to all land within the City of Penrith.

4 Relationship to other environmental planning instruments

- (1) In the event of an inconsistency between this plan and any other local environmental planning instrument or deemed environmental planning instrument, this plan shall prevail to the extent of the inconsistency, subject to section 36 (4) of the Act.
- (2) This plan amends:
 - (a) Penrith Planning Scheme Ordinance in the manner set out in Schedule 1,
 - (b) Penrith Local Environmental Plan 1997 (Penrith City Centre) in the manner set out in Schedule 2. and
 - (c) Penrith Local Environmental Plan 1998 (Urban Land) in the manner set out in Schedule 3.
- (3) This plan does not affect the application of:
 - (a) State Environmental Planning Policy No 3 Castlereagh Liquid Waste Disposal Depot,
 - (b) State Environmental Planning Policy No 27 Prison Sites,
 - (c) Sydney Regional Environmental Plan No 9 Extractive Industry,

- (d) Sydney Regional Environmental Plan No. 11 Penrith Lakes Scheme,
- (e) Sydney Regional Environmental Plan No 20 Hawkesbury-Nepean River (No 2-1997),
- (f) Sydney Regional Environmental Plan No 30 St Marys, or
- (g) Penrith Local Environmental Plan No 255 Exempt and Complying Development,

to land to which this plan applies.

5 Definitions

(1) In this plan:

a building or structure ordinarily associated with a dwelling house means a garage, carport, pergola, swimming pool, and the like, and includes alterations and additions to an existing dwelling house.

change of building use has the same meaning as in the Act.

Note. At the commencement of this plan, a *change of building use* meant a change of use of a building from a use that the *Building Code of Australia* recognises as appropriate to one class of building to a use that the *Building Code of Australia* recognises as appropriate to a different class of building.

dwelling means a room or number of rooms occupied or used, or so constructed or adapted as to be capable of being occupied or used, as a separate domicile.

dwelling house means a dwelling which is the only dwelling erected on an allotment of land.

subdivision of land has the same meaning as in the Act.

the Act means the Environmental Planning and Assessment Act 1979.

(2) The list of contents and notes in this plan are not part of this plan.

6 Dwelling houses require development consent

- (1) The erection of a dwelling house must not be carried out without development consent.
- (2) This clause applies to residentially zoned land within the City of Penrith.
- (3) This clause applies if the development:
 - (a) does not require development consent because of another environmental planning instrument, and
 - (b) is not prohibited by another environmental planning instrument.

7. Miscellaneous development that requires development consent

- (1) The following development must not be carried out without development consent:
 - (a) erection of a building or structure ordinarily associated with a dwelling house, or
 - (b) development that results in a change of building use, or
 - (c) demolition of a building or structure, or
 - (d) structural, internal or external building work in association with business premises, a bed and breakfast establishment, office premises, commercial premises or take away food shops.
- (2) This clause applies if the development:
 - (a) does not require development consent because of another environmental planning instrument, and
 - (b) is not prohibited by another environmental planning instrument, and
 - (c) is not identified in *Penrith Local Environmental Plan No 255 Exempt and Complying Development* as exempt development, and
 - (d) does not involve Crown building work as defined in section 116G of the Act.

8 Subdivisions require development consent

- (1) A subdivision of land must not be carried out without development consent.
- (2) This clause applies if the subdivision of land:
 - (a) does not require development consent because of another environmental planning instrument, and
 - (b) is not prohibited by another environmental planning instrument, and
 - (c) is not identified in *Penrith Local Environmental Plan No 255 Exempt and Complying Development* as exempt development, and
 - (d) does not involve Crown building work as defined in section 116G of the Act.

Schedule 1 Amendment of Penrith Planning Scheme Ordinance

(Clause 4 (2) (a))

[1] Clause 4 Interpretation

Omit the definition of *Country dwelling*.

- [2] Clause 26 Erection or use of buildings or works Omit "country dwellings;" from Column III for Zone No 1 of the Table to the clause.
- [3] Clause 26, Table Omit "dwelling-houses other than country dwellings and rural dwellings;" from Column V for Zone No. 1.
- [4] Clause 26, Table Omit "Dwelling-houses other than semi-detached and terrace buildings." from Column III for Zone No 2(a).
- [5] Clause 26, Table Omit "Residential buildings." from Column III for Zone No 2 (b).
- [6] Clause 26, Table Omit "Dwelling-houses other than semi-detached or terrace buildings." from Column III for Zone No 2 (c).
- [7] Clause 26, Table Omit ";dwelling-houses attached to and used in conjunction with shops" from Column III for Zone No 3 (c).

[8] Clause 26, Table

Omit "Purposes" from Column IV for Zone No 3(c).

Insert instead "Buildings or other structures ordinarily associated with dwelling houses; changes of building use (as defined in the *Environmental Planning and Assessment Act 1979*); dwelling-houses attached to and used in conjunction with shops; demolition of buildings or other structures; land uses and premises".

[9] Clause 26, Table

Insert ": structural or internal alterations to, or external building work in association with, commercial premises or refreshment rooms" after "roads" in Column IV for Zone No 3(c).

- [10] Clause 38 Development in residential zones Omit the clause.
- [11] Clause 46 Variation of area required for country dwelling Omit the clause.

Schedule 2 Amendment of Penrith Local Environmental Plan 1997 (Penrith City Centre)

[1] Clause 9 Zone objectives and development control table

Omit from item (b) (i) Without development consent for Zone No 2 (f) in the Development Control Table:

• dwelling-houses

[2] Clause 9, table

Insert in alphabetical order in item (b) (ii) **Only with development consent** for Zone No 2 (f):

- buildings or other structures ordinarily associated with dwelling-houses
- demolition of buildings or other structures
- dwelling-houses

[3] Clause 20 Development of land within Zone No 3 (a)

Insert "where the new use does not involve structural or internal alterations or external buildings works" after the words "or take away food shops".

Schedule 3 Amendment of Penrith Local Environmental Plan 1998 (Urban Land)

(Clause 4 (2) (c))

[1] Clause 9 Zone objectives and development control table

Omit wherever occurring from item (b) (i) Without development consent for Zones Nos 2 (a1), 2 (a), 2 (b), 2 (c), 2 (d) and 2 (e) in the Development Control Table:

• dwelling houses

[2] Clause 9, table

Insert in alphabetical order in item (b) (ii) **Only with development consent** for Zones Nos 2 (a1), 2 (a), 2 (b), 2 (c), 2 (d) and 2 (e):

- buildings or other structures ordinarily associated with dwelling houses
- changes of building use (as defined in the Act)
- demolition of buildings or other structures
- dwelling houses
- internal structural work in bed and breakfast establishments

[3] Clause 9, table

Insert in alphabetical order in item b (ii) Only with development consent for Zones Nos 2 (r) and 2 (r1);

- buildings or other structures ordinarily associated with dwelling houses
- changes of building use (as defined in the Act)
- demolition of buildings or other structures
- structural or internal alterations to bed and breakfast establishments

[4] Clause 9, table

Insert in alphabetical order in item (b) (ii) Only with development consent for Zone No 3 (f):

- changes of building use (as defined in the Act)
- demolition of buildings or other structures
- external building work associated with an existing land use carried out with consent
- structural or internal alterations to a building or other structure erected with consent or building approval

APPENDIX D

PLAN SHOWING SITE STORAGE LOCATIONS

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P.04/06

Form 2: Sheet of Status Quo





Where didi you use Trichloroethylen Please mark it on the map.

APPENDIX E

TABLE 1

SAMPLE DESCRIPTIONS

Project	Site Background Check	Job No	2883/1-AF
Location	164 Station Street, Penrith	Sampling Dates	05.01.05 to 22.02.05
Refer to Drawing No	2883/1-AF2 and 2883/1-AF3	Logged & Sampled by	DP

GEOTECHNIQUE

TABLE 1

			TABLE 1	Page 1 of 21
Bore- hole	Depth (m)	Sample Depth Interval (m)	Material Description	Remarks*
1	0.0 – 0.19	No Sample (NS)	CONCRETE	
	0.19 – 0.7	NS	SAND Sub-base	
	0.7 – 0.85	0.7 – 0.85	FILL; Silty Sandy Clay, low to medium plasticity, brown, grey & red-brown	PID Reading = 17.0ppm
	0.85 – 1.3	0.85 – 1.3	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	PID Reading = 16.0ppm
	1.3 – 2.4	1.35 – 1.5	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	PID Reading = 0.0ppm
2	0.0 – 0.13	NS	CONCRETE	
	0.13 – 0.8	0.13 – 0.28	FILL; Silty Clay, low to medium plasticity, brown and grey, with inclusion of gravels	PID Reading = 10.0ppm
		0.28 – 0.8	FILL; Silty Clay, low to medium plasticity, brown and grey, with inclusion of gravels	PID Reading = 10.0ppm
	0.8 – 1.3	0.8 – 1.3	FILL; Silty Sandy Clay, low plasticity, orange and grey, with inclusion of gravels	PID Reading = 6.0ppm
	1.3 – 2.4	1.35 – 1.5	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	PID Reading = 0.0ppm
3	0.0 – 0.15	NS	CONCRETE	
	0.15 – 0.4	0.15 – 0.3	FILL; Silty Sandy Clay, low to medium plasticity, brown, grey & red-brown	PID Reading = 99.0ppm (0)
	0.4 – 1.0	0.45 – 0.6	(CL-CI) Silty CLAY, low to medium plasticity, orange-brown, trace of Ironstone gravels	PID Reading = 21.0ppm
	1.0 – 2.1	1.0 – 1.15	(CH) Silty CLAY, high plasticity, grey-green, trace of Ironstone gravels	PID Reading = 24.0ppm
	2.1 – 2.4	NS	(CI) Silty Sandy CLAY, medium plasticity, grey and pale orange, trace of Sandstone pieces	PID Reading = 0.0ppm

*Odour (O), Discolouration (D), Petroleum Hydrocarbon Staining (PHS), Asbestos Pieces (ASBP), Ash Material (ASHM), Demolition Waste (DW), Groundwater (GW), Perched Water (PW) PID reading etc. Form No 0009-Rev3/28.05 2002

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	Project	Site Background Check	Job No	2883/1-AF
and the second se	Location	164 Station Street, Penrith	Sampling Dates	05.01.05 to 22.02.05
	Refer to Drawing No	2883/1-AF2 and 2883/1-AF3	Logged & Sampled by	DP

TABLE 1

Bore- hole	Depth (m)	Sample Depth Interval (m)	Material Description	Remarks*
4	0.0 - 0.25	NS	CONCRETE	
	0.25 – 0.7	0.25 – 0.4	(CH) Silty CLAY, high plasticity, grey-green, trace of Ironstone gravels	PID Reading = 42.0ppm
	0.7 – 1.6	NS	(CL-CI) Silty CLAY, low to medium plasticity, orange-brown, trace of Ironstone gravels	PID Reading = 0.0ppm
	1.6 – 2.4	NS	(CI) Silty Sandy CLAY, medium plasticity, grey and pale orange, trace of Sandstone pieces	
5	0.0 – 0.17	NS	CONCRETE	
	0.17 – 0.6	0.17 – 0.32	(CL-CI) Silty CLAY, low to medium plasticity, orange-brown, trace of Ironstone gravels	PID Reading = 12.0ppm
	0.6 – 0.9	NS	(CH) Silty CLAY, high plasticity, grey-green, trace of Ironstone gravels	PID Reading = 0.0ppm
	0.9 – 1.2	NS	(CI) Silty Sandy CLAY, medium plasticity, grey and pale orange, trace of Sandstone pieces	
6	0.0 – 0.12	NS	CONCRETE	
	0.12 – 0.8	0.12 – 0.27	FILL; Silty Sandy Clay, low to medium plasticity, brown, grey & red-brown	PID Reading = 2.0ppm
		0.27 – 0.8	FILL; Silty Sandy Clay, low to medium plasticity, brown, grey & red-brown	PID Reading = 0.0ppm
	0.8 – 1.2	0.85 – 1.0	(CH) Silty CLAY, high plasticity, grey-green, trace of Ironstone gravels	PID Reading = 0.0ppm
7	0.0 – 0.15	NS	CONCRETE	
	0.15 – 0.23	NS	GRAVEL	
	0.23 – 1.2	0.23 – 0.38	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	PID Reading = 0.0ppm

*Odour (O), Discolouration (D), Petroleum Hydrocarbon Staining (PHS), Asbestos Pieces (ASBP), Ash Material (ASHM), Demolition Waste (DW), Groundwater (GW), Perched Water (PW) PID reading etc. Form No 0009-Rev3/28.05.2002

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Project	Site Background Check	Job No	2883/1-AF
Location	164 Station Street, Penrith	Sampling Dates	05.01.05 to 22.02.05
Refer to Drawing No	2883/1-AF2 and 2883/1-AF3	Logged & Sampled by	DP

	Interval (m)		Remarks*	l
0.0 – 0.18	NS	CONCRETE		
0.18 – 0.22	NS	SAND Sub-base		
0.22 – 0.4	0.22 – 0.37	FILL; Silty Sandy Clay, low plasticity, orange and grey, with inclusion of gravels	PID Reading = 0.0ppm	
0.4 – 1.2	0.45 – 0.6	(CL) Silty Sandy CLAY, low plasticity, grey & orange	PID Reading = 0.0ppm	
0.0 – 0.15	NS	CONCRETE		
0.15 – 0.4	0.15 – 0.3	FILL; Silty Sandy Clay, low plasticity, red- brown, with inclusion of gravels	PID Reading = 10.0ppm	
0.4 - 0.65	0.4 – 0.65	FILL; Sand, fine grained, grey	PID Reading = 26.0ppm (ASHM)	
0.65 – 1.9	0.7 – 0.85	(CL) Silty Sandy CLAY, low plasticity, grey & orange	PID Reading = 0.0ppm	
0.0 – 0.15	NS	CONCRETE		
0.15 – 0.2	NS	SAND Sub-base		
0.2 – 0.9	0.2 – 0.35	FILL; Silty Sandy Clay, low to medium plasticity, brown, grey & red-brown	PID Reading = 30.0ppm	
	0.35 – 0.9	FILL; Silty Sandy Clay, low to medium plasticity, brown, grey & red-brown	PID Reading = 20.0ppm	
0.9 – 2.2	0.95 – 1.10	(CH) Silty CLAY, high plasticity, grey-green, trace of Ironstone gravels	Moisture Encountered at 1.5m	
2.2 – 3.0	NS	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	PID Reading = 4.0ppm	
3.0 – 4.5	NS	(CL) Silty Sandy CLAY, low plasticity, red- brown		
4.5 -	-	Refusal on River Pebbles		
	0.18 - 0.22 0.22 - 0.4 0.4 - 1.2 0.0 - 0.15 0.15 - 0.4 0.4 - 0.65 0.65 - 1.9 0.0 - 0.15 0.15 - 0.2 0.2 - 0.9 0.9 - 2.2 2.2 - 3.0 3.0 - 4.5	0.18 - 0.22 NS 0.22 - 0.4 0.22 - 0.37 0.4 - 1.2 0.45 - 0.6 0.0 - 0.15 NS 0.15 - 0.4 0.15 - 0.3 0.4 - 0.65 0.4 - 0.65 0.65 - 1.9 0.7 - 0.85 0.15 - 0.2 NS 0.2 - 0.9 0.2 - 0.35 0.9 - 2.2 0.95 - 1.10 2.2 - 3.0 NS 3.0 - 4.5 NS	0.18-0.22NSSAND Sub-base $0.22-0.4$ $0.22-0.37$ FILL; Silty Sandy Clay, low plasticity, orange and grey, with inclusion of gravels $0.4-1.2$ $0.45-0.6$ (CL) Silty Sandy CLAY, low plasticity, grey & orange $0.0-0.15$ NSCONCRETE $0.15-0.4$ $0.15-0.3$ FILL; Silty Sandy Clay, low plasticity, red- brown, with inclusion of gravels $0.4-0.65$ $0.4-0.65$ FILL; Silty Sandy Clay, low plasticity, red- brown, with inclusion of gravels $0.65-1.9$ $0.7-0.85$ (CL) Silty Sandy CLAY, low plasticity, grey & orange $0.0-0.15$ NSCONCRETE $0.15-0.2$ NSSAND Sub-base $0.2-0.9$ $0.2-0.35$ FILL; Silty Sandy Clay, low to medium plasticity, brown, grey & red-brown $0.9-2.2$ $0.95-1.10$ (CH) Silty CLAY, high plasticity, grey-green, trace of Ironstone gravels $2.2-3.0$ NS(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey $3.0-4.5$ NS(CL) Silty Sandy CLAY, low plasticity, red- brown	0.18 - 0.22NSSAND Sub-basePID Reading = 0.0ppm0.22 - 0.40.22 - 0.37FILL; Silty Sandy Clay, low plasticity, orangePID Reading = 0.0ppm0.4 - 1.20.45 - 0.6(CL) Silty Sandy CLAY, low plasticity, grey & orangePID Reading = 0.0ppm0.0 - 0.15NSCONCRETEPID Reading = 10.0ppm0.15 - 0.40.15 - 0.3FILL; Silty Sandy Clay, low plasticity, red- brown, with inclusion of gravelsPID Reading = 10.0ppm0.4 - 0.650.4 - 0.65FILL; Silty Sandy CLAY, low plasticity, grey & prown, with inclusion of gravelsPID Reading = 26.0ppm (ASHM)0.65 - 1.90.7 - 0.85(CL) Silty Sandy CLAY, low plasticity, grey & orangePID Reading = 0.0ppm0.0 - 0.15NSCONCRETEPID Reading = 0.0ppm0.15 - 0.2NSSAND Sub-basePID Reading = 0.0ppm0.2 - 0.90.2 - 0.35FILL; Silty Sandy Clay, low to medium plasticity, brown, grey & red-brownPID Reading = 30.0ppm0.2 - 0.90.35 - 0.9FILL; Silty Sandy Clay, low to medium plasticity, brown, grey & red-brownPID Reading = 20.0ppm0.9 - 2.20.95 - 1.10(CH) Silty CLAY, high plasticity, grey-green, race of Ironstone gravelsMoisture Encountered at 1.5m0.9 - 2.2NS(CL-C) Silty Sandy CLAY, low to medium plasticity, orange and greyPID Reading = 4.0ppm3.0 - 4.5NS(CL) Silty Sandy CLAY, low plasticity, red- brownPID Reading = 4.0ppm

*Odour (O), Discolouration (D), Petroleum Hydrocarbon Staining (PHS), Asbestos Pieces (ASBP), Ash Material (ASHM), Demolition Waste (DW), Groundwater (GW), Perched Water (PW) PID reading etc.



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Project	Site Background Check	Job No	2883/1-AF
Location	164 Station Street, Penrith	Sampling Dates	05.01.05 to 22.02.05
Refer to Drawing No	2883/1-AF2 and 2883/1-AF3	Logged & Sampled by	DP

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TABLE 1

IABLE 1 Page 4				Page 4 of 2
Bore- hole	Depth (m)	Sample Depth Interval (m)	Material Description	Remarks*
11	0.0 - 0.15	0.0 – 0.15	TOPSOIL; Silty Sandy Clay, low plasticity, brown, traces of roots & root fibres	PID Reading = 2.0ppm
	0.15 – 0.6	0.2 - 0.35	(CL-CI) Silty CLAY, low to medium plasticity, orange-brown, trace of Ironstone gravels	PID Reading = 0.0ppm
	0.6 – 1.5	NS	(CI) Silty Sandy CLAY, medium plasticity, grey and pale orange, trace of Sandstone pieces	
12	0.0 - 0.2	0.0 – 0.15	TOPSOIL; Silty Sandy Clay, low plasticity, brown, with traces of roots & root fibres	PID Reading = 8.0ppm
	0.2 - 0.7	0.2 - 0.7	FILL; Silty Sandy Clay, low plasticity, red- brown, with inclusion of gravels	PID Reading = 0.0ppm
	0.7 – 1.3	NS	(CI) Silty Sandy CLAY, medium plasticity, grey and pale orange, trace of Sandstone pieces	
	1.3 -	-	Refusal on SANDSTONE	
13	0.0 - 0.2	0.0 – 0.15	TOPSOIL; Silty Sandy Clay, low plasticity, brown, with traces of roots & root fibres	PID Reading = 0.0ppm
	0.2 – 0.9	0.25 – 0.4	(SM) Silty SAND, fine to medium grained, orange and red-brown	PID Reading = 0.0ppm
	0.9 – 1.5	NS	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	
14	0.0 – 0.2	0.0 – 0.15	TOPSOIL; Silty Sandy Clay, low plasticity, brown, with traces of roots & root fibres	PID Reading = 0.0ppm
	0.2 – 0.9	NS	(SM) Silty SAND, fine to medium grained, orange and red-brown	
	0.9 – 1.5	NS	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	
15	0.0 – 0.25	0.0 – 0.15	TOPSOIL; Silty Sandy Clay, low plasticity, brown, with traces of roots & root fibres	PID Reading = 0.0ppm
	0.25 – 0.9	NS	(SM) Silty SAND, fine to medium grained, orange and red-brown	
	0.9 – 1.5	NS	(CL) Silty Sandy CLAY, low plasticity, brown, trace of Ironstone gravels	

*Odour (O), Discolouration (D), Petroleum Hydrocarbon Staining (PHS), Asbestos Pieces (ASBP), Ash Material (ASHM), Demolition Waste (DW), Groundwater (GW), Perched Water (PW) PID reading etc.

Project	Site Background Check	Job No	2883/1-AF
Location	164 Station Street, Penrith	Sampling Dates	05.01.05 to 22.02.05
Refer to Drawing No	2883/1-AF2 and 2883/1-AF3	Logged & Sampled by	DP

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TABLE 1

TABLE 1				Page 5 of 2
Bore- hole	Depth (m)	Sample Depth Interval (m)	Material Description	Remarks*
16	0.0 - 0.17	NS	CONCRETE	
	0.17 – 0.45	0.17 – 0.32	(SM) Silty SAND, fine to medium grained, orange and red-brown	PID Reading = 0.0ppm
	0.45 – 1.5	NS	(CL) Silty Sandy CLAY, low plasticity, brown, trace of Ironstone gravels	
17	0.0 - 0.2	0.0 – 0.15	FILL; Silty Sandy Clay, low to medium plasticity, brown, grey & red-brown	PID Reading = 0.0ppm
	0.2 – 0.45	NS	(SM) Silty SAND, fine to medium grained, orange and red-brown	
	0.45 – 1.1	NS	(CL) Silty Sandy CLAY, low plasticity, brown, trace of Ironstone gravels	
	1.1 – 1.5	NS	(SM) Silty SAND, fine to medium grained, orange and red-brown	
18	0.0 - 0.15	0.0 – 0.15	FILL; Silty Sand, fine grained, brown, with inclusion of gravels	PID Reading = 5.0ppm
	0.15 – 0.7	0.15 - 0.7	FILL; Silty Sandy Clay, low plasticity, red- brown, with inclusion of gravels	PID Reading = 0.0ppm
	0.7 – 0.85	0.7 – 0.85	FILL; Sand, fine grained, grey	PID Reading = 0.0ppm (ASHM)
	0.85 – 1.5	NS	(CL) Silty Sandy CLAY, low plasticity, grey & orange	
19	0.0 - 0.5	0.0 – 0.15	FILL; Silty Clay, low to medium plasticity, brown and grey, with inclusion of gravels	PID Reading = 8.0ppm
		0.15 – 0.5	FILL; Silty Clay, low to medium plasticity, brown and grey, with inclusion of gravels	PID Reading = 4.0ppm
	0.5 – 1.5	0.55 – 0.7	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	PID Reading = 0.0ppm

*Odour (O), Discolouration (D), Petroleum Hydrocarbon Staining (PHS), Asbestos Pieces (ASBP), Ash Material (ASHM), Demolition Waste (DW), Groundwater (GW), Perched Water (PW) PID reading etc.

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Project	Site Background Check	Job No	2883/1-AF
Location	164 Station Street, Penrith	Sampling Dates	05.01.05 to 22.02.05
Refer to Drawing No	2883/1-AF2 and 2883/1-AF3	Logged & Sampled by	DP

TABLE 1

Bore- hole	Depth (m)	Sample Depth Interval (m)	Material Description	Remarks*
20	0.0 – 0.19	NS	CONCRETE	
	0.19 – 0.5	NS	SAND Sub-base	
	0.5 – 0.75	0.5 – 0.65	FILL; Silty Sandy Clay, low plasticity, red- brown, with inclusion of gravels	PID Reading = 30.0ppm
	0.75 – 0.95	0.75 – 0.95	FILL; Sand, fine grained, grey	PID Reading = 8.0ppm
	0.95 – 3.0	NS	(CL-CI) Silty CLAY, low to medium plasticity, orange-brown, trace of Ironstone gravels	
	3.0 – 4.3	NS	(SM) Silty SAND, fine to medium grained, orange and red-brown	
	4.3 – 4.5	NS	River Pebbles	Borehole wall collapsed at 4.5m
	4.5 – 5.0	NS	(SP) SAND, coarse grained, orange & red- brown	
	5.0 -	-	Refusal on River Pebbles	
21	0.0 – 0.1	NS	Roadbase Gravel	
	0.1 – 0.30	0.1 – 0.25	FILL; Silty Clay, low to medium plasticity, brown and grey, with inclusion of gravels	PID Reading = 16.0ppm
	0.3 – 1.0	0.35 – 0.5	(CL) Silty Sandy CLAY, low plasticity, brown, trace of Ironstone gravels	PID Reading = 0.0ppm
	1.0 – 1.5	NS	(CL-CI) Silty CLAY, low to medium plasticity, orange-brown, trace of Ironstone gravels	
22	0.0 – 0.1	NS	Roadbase Gravel	
	0.1 – 0.3	0.1 – 0.25	FILL; Silty Clay, low to medium plasticity, brown and grey, with inclusion of gravels	PID Reading = 0.0ppm
	0.3 – 0.6	0.3 – 0.6	FILL; Mixture of Sand, medium grained, orange-brown, and Silty Clay, low plasticity, brown, with inclusions of gravels	PID Reading = 0.0ppm
	0.6 – 1.3	NS	(CL) Silty Sandy CLAY, low plasticity, brown, trace of Ironstone gravels	
	1.3 – 1.5	NS	(CL-CI) Silty CLAY, low to medium plasticity, orange-brown, trace of Ironstone gravels	

*Odour (O), Discolouration (D), Petroleum Hydrocarbon Staining (PHS), Asbestos Pieces (ASBP), Ash Material (ASHM), Demolition Waste (DW), Groundwater (GW), Perched Water (PW) PID reading etc. Form No 0009-Rev3/28.05.2002

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Project	Site Background Check	Job No	2883/1-AF
Location	164 Station Street, Penrith	Sampling Dates	05.01.05 to 22.02.05
Refer to Drawing No	2883/1-AF2 and 2883/1-AF3	Logged & Sampled by	DP

Bore- hole	Depth (m)	Sample Depth Interval (m)	Material Description	Page 7 of 21 Remarks*
23	0.0 – 0.1	NS	Roadbase Gravel	
	0.1 – 0.25	0.1 – 0.25	FILL; Silty Clay, low to medium plasticity, brown and grey, with inclusion of gravels	PID Reading = 0.0ppm
	0.25 – 1.5	0.3 – 0.45	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	PID Reading = 0.0ppm
24	0.0 – 0.1	NS	Roadbase Gravel	
	0.1 – 0.25	0.1 – 0.25	FILL; Silty Clay, low to medium plasticity, brown and grey, with inclusion of gravels	PID Reading = 0.0ppm
	0.25 – 1.20	0.25 – 0.75	FILL; Silty Sandy Clay, low plasticity, red- brown, with inclusion of gravels	PID Reading = 0.0ppm
		0.75 – 1.2	FILL; Silty Sandy Clay, low plasticity, red- brown, with inclusion of gravels	PID Reading = 0.0 ppm
	1.2 – 1.4	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	
	1.4 – 1.5	NS	(CL-CI) Silty CLAY, low to medium plasticity, orange-brown, trace of Ironstone gravels	
25	0.0 – 0.1	NS	Roadbase Gravel	
	0.1 – 0.4	0.1 – 0.25	FILL; Silty Sand, fine grained, brown, with inclusion of gravels	PID Reading = 0.0ppm
		0.25 – 0.4	FILL; Silty Sand, fine grained, brown, with inclusion of gravels	PID Reading = 0.0ppm
	0.4 – 1.0	NS	(SM) Silty SAND, fine to medium grained, orange and red-brown	
	1.0 – 2.5	NS	(CL-CI) Silty CLAY, low to medium plasticity, orange-brown, trace of Ironstone gravels	
	2.5 – 3.5	NS	(SP) SAND, coarse grained, orange & red- brown	Borehole wall collapsed at 3.0m
	3.5 -	-	Refusal on River Pebbles	

*Odour (O), Discolouration (D), Petroleum Hydrocarbon Staining (PHS), Asbestos Pieces (ASBP), Ash Material (ASHM), Demolition Waste (DW), Groundwater (GW), Perched Water (PW) PID reading etc.



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P	Project	Site Background Check	Job No	2883/1-AF
L	ocation	164 Station Street, Penrith	Sampling Dates	05.01.05 to 22.02.05
R	Refer to Drawing No	2883/1-AF2 and 2883/1-AF3	Logged & Sampled by	DP

Bore- hole	Depth (m)	Sample Depth Interval (m)	Material Description	Remarks*
26	0.0 - 0.2	0.0 – 0.15	TOPSOIL; Silty Clay, low plasticity, pale brown, traces of roots & root fibres	PID Reading = 0.0ppm
	0.2 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	
27	0.0 – 0.2	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.2 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	
28	0.0 - 0.2	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.2 – 0.4	NS	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	
	0.4 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	
29	0.0 - 0.2	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.2 – 0.5	NS	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	
	0.5 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	
30	0.0 - 0.2	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.2 – 0.4	NS	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	
	0.4 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	

*Odour (O), Discolouration (D), Petroleum Hydrocarbon Staining (PHS), Asbestos Pieces (ASBP), Ash Material (ASHM), Demolition Waste (DW), Groundwater (GW), Perched Water (PW) PID reading etc. Form No 0009-Rev3/28.05.2002

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Project	Site Background Check	Job No	2883/1-AF
Location	164 Station Street, Penrith	Sampling Dates	05.01.05 to 22.02.05
Refer to Drawing No	2883/1-AF2 and 2883/1-AF3	Logged & Sampled by	DP

Bore- hole	Depth (m)	Sample Depth Interval (m)	Material Description	Remarks*
31	0.0 – 0.3	0.0 – 0.15	FILL; Silty Sandy Clay, low to medium plasticity, brown, grey & red-brown	PID Reading = 0.0ppm
		0.15 – 0.3	FILL; Silty Sandy Clay, low to medium plasticity, brown, grey & red-brown	PID Reading = 0.0ppm
	0.3 – 0.5	NS	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	
	0.5 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	
32	0.0 – 0.2	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.2 – 0.5	NS	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	
	0.5 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	
33	0.0 – 0.4	0.0 – 0.15	(CL) Silty Sandy CLAY, low to medium plasticity, red-brown	PID Reading = 0.0ppm
	0.4 – 0.6	NS	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	
	0.6 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	
34	0.0 – 0.35	0.0 – 0.15	(CL) Silty Sandy CLAY, low to medium plasticity, red-brown	PID Reading = 0.0ppm
	0.35 – 0.5	NS	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	
	0.5 –1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	

*Odour (O), Discolouration (D), Petroleum Hydrocarbon Staining (PHS), Asbestos Pieces (ASBP), Ash Material (ASHM), Demolition Waste (DW), Groundwater (GW), Perched Water (PW) PID reading etc.

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Project	Site Background Check	Job No	2883/1-AF
Location	164 Station Street, Penrith	Sampling Dates	05.01.05 to 22.02.05
Refer to Drawing No	2883/1-AF2 and 2883/1-AF3	Logged & Sampled by	DP

TABLE 1

			TABLE 1	Page 10 of 21
Bore- hole	Depth (m)	Sample Depth Interval (m)	Material Description	Remarks*
35	0.0 – 0.2	0.0 - 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.2 –0.5	NS	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	
	0.5 –1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	
36	0.0 – 0.25	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.25 – 1.0	NS	(SM) Silty SAND, fine to medium grained, orange and red-brown	
37	0.0 – 0.3	0.0 – 0.15	TOPSOIL; Silty Sandy Clay, low plasticity, brown, with traces of roots & root fibres	PID Reading = 16.0ppm
	0.3 – 0.7	0.35 – 0.5	(SM) Silty SAND, fine to medium grained, brown	PID Reading = 0.0ppm
	0.7 – 1.0	NS	(SM) Silty SAND, fine to medium grained, orange and red-brown	
38	0.0 – 0.3	0.0 – 0.15	TOPSOIL; Silty Sandy Clay, low plasticity, brown, with traces of roots & root fibres	PID Reading = 0.0ppm
	0.3 – 0.8	NS	(SM) Silty SAND, fine to medium grained, brown	
	0.8 – 1.0	NS	(SM) Silty SAND, fine to medium grained, orange and red-brown	
39	0.0 – 0.5	0.0 – 0.15	(CL) Silty Sandy CLAY, low to medium plasticity, red-brown	PID Reading = 0.0ppm
	0.5 – 1.0	NS	(SM) Silty SAND, fine to medium grained, brown	

*Odour (O), Discolouration (D), Petroleum Hydrocarbon Staining (PHS), Asbestos Pieces (ASBP), Ash Material (ASHM), Demolition Waste (DW), Groundwater (GW), Perched Water (PW) PID reading etc. Form No 0009-Rev3/28.05.2002

Project	Site Background Check	Job No	2883/1-AF
Location	164 Station Street, Penrith	Sampling Dates	05.01.05 to 22.02.05
Refer to Drawing No	2883/1-AF2 and 2883/1-AF3	Logged & Sampled by	DP

Bore- hole	Depth (m)	Sample Depth Interval (m)	Material Description	Remarks*
40	0.0 – 0.3	0.0 - 0.15	TOPSOIL; Silty Sandy Clay, low plasticity, brown, with traces of roots & root fibres	PID Reading = 0.0ppm
	0.3 – 0.7	NS	(SM) Silty SAND, fine to medium grained, brown	
	0.7 – 1.0	NS	(SM) Silty SAND, fine to medium grained, orange and red-brown	
41	0.0 – 0.15	0.0 – 0.15	TOPSOIL; Silty Sandy Clay, low plasticity, brown, with traces of roots & root fibres	PID Reading = 0.0ppm
	0.15 – 0.5	NS	(SM) Silty SAND, fine to medium grained, orange and red-brown	
	0.5 – 1.0	NS	(SM) Silty SAND, fine to medium grained, brown	
42	0.0 – 0.2	0.0 – 0.15	TOPSOIL; Silty Sandy Clay, low plasticity, brown, with traces of roots & root fibres	PID Reading = 0.0ppm
	0.2 – 0.4	NS	(SM) Silty SAND, fine to medium grained, brown	
	0.4 – 1.0	NS	(SM) Silty SAND, fine to medium grained, orange and red-brown	
43	0.0 – 0.2	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.2 – 0.4	NS	(CL) Silty Sandy CLAY, low plasticity, grey & orange	
	0.4 – 1.0	NS	(SM) Silty SAND, fine to medium grained, orange and red-brown	
44	0.0 – 0.2	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.2 – 1.0	NS	(CL) Silty Sandy CLAY, low plasticity, grey & orange	

*Odour (O), Discolouration (D), Petroleum Hydrocarbon Staining (PHS), Asbestos Pieces (ASBP), Ash Material (ASHM), Demolition Waste (DW), Groundwater (GW), Perched Water (PW) PID reading etc.



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Project	Site Background Check	Job No	2883/1-AF
Location	164 Station Street, Penrith	Sampling Dates	05.01.05 to 22.02.05
Refer to Drawing No	2883/1-AF2 and 2883/1-AF3	Logged & Sampled by	DP

TABLE 1

	IABLE 1 Page 12				
Bore- hole	Depth (m)	Sample Depth Interval (m)	Material Description	Remarks*	
45	0.0 – 0.25	0.0 - 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm	
	0.25 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels		
46	0.0 – 0.25	0.0 - 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm	
	0.25 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels		
47	0.0 – 0.25	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm	
	0.25 – 1.0	0.30 – 0.45	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	PID Reading = 0.0ppm	
48	0.0 – 0.25	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm	
	0.25 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, yellow mottled grey, trace of Ironstone gravels		
49	0.0 – 0.25	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm	
	0.25 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels		
50	0.0 – 0.25	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm	
	0.25 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	PID Reading = 0.0ppm	
	0.20 1.0		plasticity, orange mottled grey, trace of		

*Odour (O), Discolouration (D), Petroleum Hydrocarbon Staining (PHS), Asbestos Pieces (ASBP), Ash Material (ASHM), Demolition Waste (DW), Groundwater (GW), Perched Water (PW) PID reading etc. Form No 0009-Rev3/28.05.2002

Projec	•	Site Background Check	Job No	2883/1-AF
Locati	on	164 Station Street, Penrith	Sampling Dates	05.01.05 to 22.02.05
Refer t	o Drawing No	2883/1-AF2 and 2883/1-AF3	Logged & Sampled by	DP

			IABLE 1	Page 13 of 21
Bore- hole	Depth (m)	Sample Depth Interval (m)	Material Description	Remarks*
51	0.0 – 0.25	0.0 - 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.25 – 1.0	0.3 - 0.45	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of lronstone gravels	PID Reading = 0.0ppm
52	0.0 – 0.2	0.0 - 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.2 - 0.45	NS	(CI-CH) Silty CLAY, medium to high plasticity, yellow mottled grey, trace of Ironstone gravels	
	0.45 – 1.0	NS	(CL) Silty Sandy CLAY, low to medium plasticity, red-brown	
53	0.0 – 0.2	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.2 – 0.4	NS	(CI-CH) Silty CLAY, medium to high plasticity, yellow mottled grey, trace of Ironstone gravels	
	0.4 – 1.0	NS	(CL) Silty Sandy CLAY, low to medium plasticity, red-brown	
54	0.0 – 0.25	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.25 - 0.7	0.3 - 0.45	(CL) Silty Sandy CLAY, low plasticity, brown, trace of Ironstone gravels	PID Reading = 0.0ppm
	0.7 – 1.0	NS	(SM) Silty SAND, fine to medium grained, orange and red-brown	

*Odour (O), Discolouration (D), Petroleum Hydrocarbon Staining (PHS), Asbestos Pieces (ASBP), Ash Material (ASHM), Demolition Waste (DW), Groundwater (GW), Perched Water (PW) PID reading etc.

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Project	Site Background Check	Job No	2883/1-AF
Location	164 Station Street, Penrith	Sampling Dates	05.01.05 to 22.02.05
Refer to Drawing No	2883/1-AF2 and 2883/1-AF3	Logged & Sampled by	DP

TABLE 1

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Bore- hole	Depth (m)	Sample Depth Interval (m)	Material Description	Remarks*
55	0.0 – 0.25	0.0 - 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.25 – 0.5	0.3 – 0.45	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	PID Reading = 0.0ppm
	0.5 - 0.8	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	
	0.8 – 2.5	NS	(CL-CI) Silty CLAY, low to medium plasticity, orange-brown, trace of Ironstone gravels	
	2.5 - 6.0	NS	(CL) Silty Sandy CLAY, low to medium plasticity, red-brown	Borehole wall collapsed at 5.5m
	6.0 -	-	Refusal on River Pebbles	
56	0.0 – 0.25	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.25 – 1.0	0.3 – 0.45	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	PID Reading = 0.0ppm
	1.0 – 3.5	NS	(CL) Silty Sandy CLAY, low to medium plasticity, red-brown	
	3.5 – 6.3	NS	(SM) Silty SAND, fine to medium grained, orange and red-brown	
	6.3 -	_	Refusal on River Pebbles	
57	0.0 – 0.3	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.3 – 0.8	NS	(SM) Silty SAND, fine to medium grained, brown	
	0.8 – 1.0	NS	(SM) Silty SAND, fine to medium grained, orange and red-brown	
58	0.0 – 0.25	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.25 – 1.0	NS	(CL-CI) Silty CLAY, low to medium plasticity, orange-brown, trace of Ironstone gravels	

*Odour (O), Discolouration (D), Petroleum Hydrocarbon Staining (PHS), Asbestos Pieces (ASBP), Ash Material (ASHM), Demolition Waste (DW), Groundwater (GW), Perched Water (PW) PID reading etc. Form No 0009-Rev3/28.05.2002

Project	Site Background Check	Job No	2883/1-AF
Location	164 Station Street, Penrith	Sampling Dates	05.01.05 to 22.02.05
Refer to Drawing No	2883/1-AF2 and 2883/1-AF3	Logged & Sampled by	DP

Bore- hole	Depth (m)	Sample Depth Interval (m)	Material Description	Remarks*
59	0.0 – 0.25	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.25 – 0.5	0.3 – 0.45	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	
	0.5 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	
60	0.0 – 0.25	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.25 - 0.4	NS	(CL-CI) Silty Sandy CLAY, low to medium plasticity, orange and grey	
	0.4 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	
61	0.0 – 0.25	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.25 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of Ironstone gravels	
62	0.0 – 0.25	0.0 – 0.15	TOPSOIL; Silty Clay, low to medium plasticity, pale brown, trace of roots & root fibres	PID Reading = 0.0ppm
	0.25 – 0.45	0.3 – 0.45	(CL-CI) Silty CLAY, low to medium plasticity, orange-brown, trace of Ironstone gravels	
	0.45 – 1.0	NS	(CI-CH) Silty CLAY, medium to high plasticity, orange mottled grey, trace of lronstone gravels	

*Odour (O), Discolouration (D), Petroleum Hydrocarbon Staining (PHS), Asbestos Pieces (ASBP), Ash Material (ASHM), Demolition Waste (DW), Groundwater (GW), Perched Water (PW) PID reading etc.



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