

# JOHANNESBURG ROADS AGENCY

## INFORMATION PACK FOR MAINTENANCE WAYLEAVE APPLICATION

(Updated 06 October 2017 and applicable for applications from 01 January 2018)

### COVER PAGE

#### METHOD STATEMENT

WAYLEAVE APPLICANT'S NAME: ..... SUBURB: .....

SECTOR: .....

### PROCEDURE FOR MAINTENANCE WAYLEAVE APPLICATION

#### STEP 1: CONDUCT SERVICE ENQUIRY

To obtain detailed information from key Service Agencies that have infrastructure services in the suburb where the Proposed Work will take place with regard to the position of any infrastructure services that are adjacent to the location of the Proposed Work.

The **Wayleave Applicant** shall submit a *Service Enquiry Application* to the relevant key Service Agencies (see page 4 for list of key services) for the suburb where the work is to be implemented, with a drawing, or drawings, showing the *Layout Plan* at minimum scale 1:500, with a title block, actual scale, north point and a background consisting of the street block plan with street names, stand numbers and (where possible) house numbers. The following details of the Proposed O&M Work are to be added to the background on the *Layout Plan*:

- a) The description of the proposed O&M work showing whether excavation is required, with the motivation for the classification of this as operations and maintenance work.
- b) The location of the proposed work in terms of:
  - i) The section(s) of street involved in relation to the intersections with other streets;
  - ii) The location of the proposed work in relation to the stands and the street; and,
  - iii) The distance of the proposed installation from the road reserve boundary in each street.
- c) A typical cross-section, or elevation, of the Proposed Work showing the depth / height of the proposed service in relation to the finished roadway, footway and verge level;
- d) The position, and extent, of any proposed new structures and/or alterations to existing structures, which includes surface and underground structures.

Each key **Service Agency** shall review the submitted *Service Enquiry Application* with the attached *Layout Plan* and provide comments, within the time specified in the Schedule of Required Response Times, to the Wayleave Applicant regarding:

- 1) The position of any **existing** or **planned** services that the Service Agency has in the area of the Proposed Work.
- 2) Any conditions that the Wayleave Applicant must comply with while implementing the Proposed Work.
- 3) The name, and contact details, of the person who must be contacted in the event of damage to a service that the Service Agency has in the area of the Proposed Work.

#### STEP 2: APPLICATION FOR MAINTENANCE WAYLEAVE

Purpose: To obtain an approved Maintenance Wayleave for the operation and maintenance work required on this existing service.

The **Wayleave Applicant** shall use the information from the *Service Enquiry* to update the *Layout Plan* to show the schematic location of all infrastructure services that already exist.

The **Wayleave Applicant** shall apply for a Maintenance Wayleave to execute the Maintenance Work by submission of three (3) signed copies of the *Application Form*, the updated *Layout Plan*, the *Indemnity Form*, the *Summary of Conditions* that must all be handed to the Wayleave Officer in the Regional Depots, with proof of payment of the *Processing Fee*. In addition, before the wayleave is considered for approval, the Wayleave Applicant must attach the *Service Enquiry Responses* from the key Service Agencies for the suburb where the work is to be implemented, that have the official stamps of those Service Agencies to confirm their infrastructure service data together with any conditions imposed by these Service Agencies for

.....  
Initials of Wayleave Applicant

working near to their existing infrastructure services. If there is no service from a particular Service Agency for that area, a comment to that effect from that Service Agency is required.

The **Wayleave Officer** shall review the Maintenance Wayleave Application, check that all requirements have been met and either reject, request modifications or approve the Maintenance Wayleave within the time specified in the Schedule of Required Response Times. The **Wayleave Officer** shall register the application on the GIS and confirm receipt of payment of the *Processing Fee* as indicated in the attached *Schedule of Fees*. When the Maintenance Wayleave application has been registered, a wayleave number will be allocated before the wayleave can be issued.

**N.B.** During the Service Enquiry, each Service Agency usually provides a time frame during which the Wayleave Applicant must complete their Work that is in the same area as the Service Agency's services. The Wayleave Applicant needs to extend this time frame through a request to the relevant Service Agency otherwise the permission is deemed to have expired and the Maintenance Wayleave will be terminated since it is based on the condition from the Service Agency.

**STEP 3: IMPLEMENT WORK IN THE ROAD RESERVE**

Once the Maintenance Wayleave is approved, the **Wayleave Holder** shall arrange for the work on site to be implemented in accordance with the Maintenance Wayleave and the associated conditions. Traffic signs and barricades shall be placed, and maintained. Once the maintenance work is complete the **Wayleave Holder** shall notify the JRA of the completion and either request a reinstatement or DCP test. within the time specified

The **Wayleave Officer** shall, within the time specified in the Schedule of Required Response Times, inspect the reinstated work site and either identify defects, for rectification within ten (10) working days , or issue a Completion Certificate

**N.B.** One of the conditions from each Service Agency is usually a time frame during which the Wayleave Applicant must complete their Work that is in the same area as the Service Agency's services. The Wayleave Applicant needs to extend this time frame through a request to the relevant Service Agency otherwise the permission is deemed to have expired and the Maintenance Wayleave will be terminated since it is based on the condition from the Service Agency.

## APPLICATION FORM FOR MAINTENANCE WAYLEAVE

Application is hereby made by the undersigned to work within the road reserve as detailed below. The Wayleave Applicant undertakes to do the work according to the latest edition of the *CODE OF PRACTICE FOR WORK IN THE ROAD RESERVE*, as contained in Schedule 2 to the *Public Road and Miscellaneous By-laws, 2004*.

The Wayleave Applicant agrees that:

- a) No work shall commence before the Maintenance Wayleave is issued.
- b) The JRA's list / map of protected roads has been reviewed and trenchless methods are included in the Work for any protected roads that are affected.
- c) All applicable fees are to accompany this application, which includes the *Processing Fee*, and the *Reinstatement Fee*. The JRA shall be responsible for the permanent reinstatement unless specific permission is granted with the Wayleave **Approval** on page 5 for this permanent reinstatement work to be done by the Wayleave Applicant for this Wayleave.
- d) **All work will be done between the hours of 09h00 and 15h30 to ensure the free flow of traffic during peak hours.**

### **WAYLEAVE APPLICANT'S DETAILS:**

APPLICANT'S ORGANISATION: .....

APPLICANT TYPE: (MARK BOX)                      CITY       EXTERNAL SERVICE AGENCY       PRIVATE

PHYSICAL ADDRESS: .....

POSTAL ADDRESS: .....

CONTACT PERSON: .....                      POSITION: .....

CONTACT TEL.: .....                      CONTACT FAX: .....                      E-MAIL: .....

MOBILE: .....                      PROJECT NO.: .....                      SLA / ORDER NO.: .....

### **CONTRACTOR'S / WORK TEAM'S DETAILS:**

CONTRACTOR'S / WORK TEAM ORGANISATION: .....

PERSON ON SITE: .....                      MOBILE: .....                      E-MAIL: .....

CIDB CONSTRUCTION CLASS ERROR! BOOKMARK NOT DEFINED.:                      PUBLIC LIABILITY INSURANCE ERROR! BOOKMARK NOT DEFINED.:      YES       NO

### **TYPE OF WORK:**

WORK TYPE: (mark box)      CROSS-CUTS       TRENCHLESS METHOD       BURIED SERVICE       OVERHEAD SERVICE

### **LOCATION OF WORK:**

SUBURB: .....                      STREET NAME: .....

STREET (FROM): .....                      STREET (TO): .....

STAND (ERF) No's: .....                      HOUSE No's: .....

### **ENCLOSED DRAWINGS:** (include *Layout Plan* and *Traffic Management Plan*)

TYPE	DRAWING NUMBER	TITLE

### **ESTIMATED WORK QUANTITIES:**

AREA OF CROSSCUTS: .....m<sup>2</sup>                      LENGTH OF DRILLING (TRENCHLESS METHOD: .....m<sup>2</sup>

AREA OF TRENCH IN ROADWAY: .....m<sup>2</sup>                      REINSTATE ROAD RIDING SURFACE: .....m<sup>2</sup>

AREA OF TRENCH IN FOOTWAY: .....m<sup>2</sup>                      AREA OF TRENCH IN VERGE: .....m<sup>2</sup>

.....  
Initials of Wayleave Applicant





## UNDERTAKING / INDEMNITY

I, the undersigned hereby,

- 1) Acknowledge the receipt of a brochure containing the procedures and conditions pertaining to wayleave applications and understand that it will be my responsibility to contact the relevant Service Agencies within and outside the area of jurisdiction of the Johannesburg Roads Agency (Pty) Ltd, and undertake to adhere to the conditions not applicable to this department, e.g. TELKOM, ESKOM and RAND WATER.
- 2) Undertake to furnish the relative Service Agencies with all necessary application form(s) and information obtained as a result of this application, in order to obtain final wayleave approval and permission to work within the road reserve,
  - a) acknowledge that service information is given in good faith and that the accuracy of this information is not guaranteed.
  - b) guarantee all backfilling and permanent reinstatement work done by the contractor, for a period of 12 months from the time when the work is signed off as practically completed by the JOHANNESBURG ROADS AGENCY Inspector.
  - c) accept responsibility for all costs associated with the work, including any damages to other services, permanent backfilling/reinstatement of trenches, the cost of any tests that may be required and any claims that may result from the work until the permanent reinstatement is completed.
  - d) accept full responsibility for all costs associated with the relocation of the service / structure in future to accommodate any road or stormwater drainage works.
  - e) accept the terms and conditions of the wayleave approval and all the conditions contained in the *Code of Practice for Work in the Road Reserve*.
- 3) Indemnifies the JOHANNESBURG ROADS AGENCY (JRA) against any claim(s), cost or damage or loss of whatsoever nature that may be incurred or sustained by the JRA, the applicant or any third party and also against all actions, legal proceedings and claims of whatsoever nature that may be instituted or made against the JRA arising out of, by reason of, or in any way whatsoever caused by or connected with the exercising by the applicant of the rights granted by the Wayleave application as well as in respect of cost which may be incurred by the JRA in examining or resisting any such demands, actions, legal proceedings and claims, instituted by any person or party for injury to person(s) loss of life or damage to or loss of property, arising directly or indirectly exercising the permission granted with approval of this application.

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Signature of Wayleave Applicant

Date (dd mmm yyyy)

## SUMMARY OF CONDITIONS FOR WORK IN THE ROAD RESERVE

This page is intended to provide a summary of conditions and specifications. Please refer to the Council's *Code of Practice for Work in the Road Reserve* for more detail.

Before any work is done in the road reserve, a wayleave must be issued by the Johannesburg Roads Agency wayleave office. This will only be done after a completed wayleave application form has been received by the Wayleave Officer and the reinstatement fee paid. Before submitting the form to the Wayleave Officer, approval must be obtained from all other Service Agencies indicated on the application form.

In the case of emergency work, e.g. burst pipes, a wayleave application form must be submitted within 24 hours and the JRA maintenance depot must be informed.

All work must be done according to the *Code of Practice*. Only work indicated on the wayleave form may be done and only during the period indicated, unless written approval has been obtained from the relevant wayleave office to change the dates.

The Wayleave Holder is responsible for all costs, including any damage to other services, backfilling, reinstatement, tests and any claims that may result. The Wayleave Holder is also responsible for traffic signs, barricading and the safety of motorists, pedestrians and workers.

If any trees or road furniture are effected by the proposed work, then the relevant office must be contacted.

The underground service shall have not less than 800 mm cover and all manhole or valve covers shall be finished flush with the surface of the road or the verge.

Backfilling and reinstatement: Permanent backfilling must be done according to the specifications given in the *Code of Practice*. The minimum requirement is that the backfilled layers must have at least the same shear strengths as those of the adjacent undisturbed pavement layers. The tests done with a DCP or a RCCD will either be done by the JRA or a copy of the results of the tests by an independent private laboratory, approved by the JRA, must be submitted to the wayleave office. The reinstatement of the (100mm asphalt layer) surface will be done by the road authority unless specific written permission is granted by the JRA to the Wayleave Holder to arrange for the reinstatement of the surface.

The Wayleave Holder is responsible for obtaining the required strengths, but the following is recommended as a method that should be adequate in most cases.

The Wayleave Holder must ensure that the top 400 mm (550 mm for primary and secondary roads) must be stockpiled separately and stabilized with 4% Ordinary Portland Cement (OPC) when replaced with 60kg/m<sup>3</sup> of cement. The material must be compacted in thin (75 to 100 mm) layers with a vibratory compactor at optimum moisture content (OMC) to the required densities (base: 98%, subbase: 95%, selected subgrade: 93% and subgrade: 90% Mod AASHTO) to within 100mm of the existing road surface. This method should provide the required shear strengths in most cases, but it should be noted that material that was originally stabilized cannot be re-used and must be discarded.

The reinstatement of the surfacing must consist of 100 mm hot-mix asphalt. The lower 70mm must be: "blackbase" (26.5 mm nominal, continuously graded) and the top 30 mm fine (4.75 mm nominal, continuously graded hot mix). Cold mix may only be used in temporary backfills (Emergency backfill).

If desired the wayleave holder may place foamed concrete of a minimum 4 Mpa crushed strength and manufactured to an approved manufacturers specification. The foamed concrete is to be placed to a level 100mm below the surrounding road surface. As soon as the foamed concrete has set sufficiently, a 70mm layer of asphalt basecourse material shall be placed, to be followed by the 30mm asphalt wearing course.

The top 100mm of the trench must be backfilled by the Wayleave Holder, compacted and maintained in a serviceable condition for a period of fourteen days after the Completion Notice has been submitted.

Constructed footways must be reinstated with the original surfacing materials and the supporting layers compacted to obtain shear strengths at least equal to those of the adjacent undisturbed footway.

Un-constructed verges must be backfilled in such a way that the verge is in the same condition as it was before excavation.

After completion of any work in the road reserve, the site must be cleared and cleaned and all excess material, tools and equipment must be removed.

The wayleave form, or a copy thereof, must be returned to the Wayleave Officer within 24 hours after completion of the work with the Completion Notice filled in, signed and the DCP or RCCD tests submitted.

Any excavation left unattended for a period of 5 calendar days, will be made safe by the Road Authority and charged to the Service Agency or contractor concerned.

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Initials of Wayleave Applicant

## **ADDENDUM A: SUPPORTING INFORMATION AND FORMS**

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## WAYLEAVE SERVICES LIAISON LIST

REGION	WAYLEAVE OFFICIAL	ADDRESS	TEL & CELL NO.	Email address
REGION A	Vusi Radebe	6 Dale Rd cnr Glen Auston Rd, Midrand	087 285 0013 076 602 1083	vradebe@jra.org.za
REGION B	Sphamandla Mavuso	Cnr Hans Schoeman and Malibongwe	011 699 5326 083 279 4388	smavuso@jra.org.za
REGION C	Daniel Matjeding Godfrey Legodi	159 Alberting Sisulu cnr Reid Rd, Florida	082 726 5129 082 561 4804 011 298 2676	<a href="mailto:dmatjeding@jra.org.za">dmatjeding@jra.org.za</a> glegodi@jra.org.za
REGION D	Doreen Jacobs Dolly Sefatlhe	2 Jonas Moabi, Dobsonville, Soweto	082 330 1546 083 664 5328 011 988 0736	<a href="mailto:djacobs@jra.org.za">djacobs@jra.org.za</a> dsefatlhe@jra.org.za
REGION E	Khulu Ngcobo	15 Short Street Norwood	011 727 5336 082 726 5128	kngcobo@jra.org.za
REGION F	Makhosi Ndaba Rhulani Ngobeni Tshepiso Matjie	185A Main Reef Rd, Fordsburg	082 726 5136 073 754 6476 079 484 0614 011 870 4200	<a href="mailto:mndaba@jra.org.za">mndaba@jra.org.za</a> <a href="mailto:rngobeni@jra.org.za">rngobeni@jra.org.za</a> tmatjie@jra.org.za
REGION G	Montsho Mohapi Margaret Bereng	1 Calendula Str, Klipspruit West	079 403 9445 082 555 2091 011 947 1002/3/5	<a href="mailto:mmohapi@jra.org.za">mmohapi@jra.org.za</a> mbereng@jra.org.za
<b>Manager: Wayleaves</b>	Ntokozo Mkwebane	66 Pixley Ka Isaka Seme Street Cnr. Rahima Moosa Str. Johannesburg 2001	011 2985247	nmkwebane@jra.org.za
<b>GIS</b>	Ron Segenhout	66 Pixley Ka Isaka Seme Street Cnr. Rahima Moosa Str. Johannesburg 2001	011 298 5019	rsegenhout@jra.org.za
<b>Development Control (Private)</b>	Jose Monteiro	66 Pixley Ka Isaka Seme Street Cnr. Rahima Moosa Str. Johannesburg 2001	011 298 5059	jmonteiro@jra.org.za
<b>Development Control (Public)</b>	Mbongeni Zondo	66 Pixley Ka Isaka Seme Street Cnr. Rahima Moosa Str. Johannesburg 2001	011 298 5212	mzondo@jra.org.za
<b>Road Closures (JRA)</b>	William Mabotja	66 Pixley Ka Isaka Seme Street Cnr. Rahima Moosa Str. Johannesburg 2001	011 2985229	wmabotja@jra.org.za

## LIST OF WAYLEAVE SERVICE AGENCIES

SERVICE AGENCY	CONTACT	ADDRESS	TEL & CELL NO	FAX NO.	E-MAIL
CITY POWER	Derrick Oliver	40 Herronmere Rd, Reuven	011 490 7000 083 704 9267	011 490 7688	<a href="mailto:doliver@citypower.co.za">doliver@citypower.co.za</a> <a href="mailto:wayleaves@citypower.co.za">wayleaves@citypower.co.za</a>
OPENSERVE	PK Mahlangu Samuel Seleka Cor Esterhuizen	City deep ETE. 2 Bonsmara rd, City Deep, 2049	011 995 9909 081 354 8252 011 995 9911 081 392 9769 011 995 9937		<a href="mailto:PKM@openserve.co.za">PKM@openserve.co.za</a> <a href="mailto:gautengwayleaves@telkom.co.za">gautengwayleaves@telkom.co.za</a>
EGOLI GAS	Morven Northcott	1 Annet Rd, Cottesloe, 2092	011 356 5000	011 726 6403	<a href="mailto:mnorthcott@egoligas.co.za">mnorthcott@egoligas.co.za</a>
ESKOM	Nosipho Mashazi Clarissa Letsoalo	204 Smit Str, Braamfontein	012 421 3058 011 711 2327	011 711 2189	<a href="mailto:wayleaveJHB@eskom.co.za">wayleaveJHB@eskom.co.za</a>
JOBURG WATER	Bongani Sibiyi Tshifhiwa Singo	17 Harrison Str, Marshalltown, 2107	011 688 1615 011 688 1646	011 688 1587	<a href="mailto:Bongani.sibiya@jwater.co.za">Bongani.sibiya@jwater.co.za</a> <a href="mailto:Evelyn.shinqange@jwater.co.za">Evelyn.shinqange@jwater.co.za</a>
RAND WATER	Lindiwe Gamede Paleka Mashele	522 Impala Rd, Glenvista	011 682 0962 011 688 0893	011682 0893	<a href="mailto:lgamede@randwater.co.za">lgamede@randwater.co.za</a> <a href="mailto:wayleave@randwater.co.za">wayleave@randwater.co.za</a> <a href="mailto:pmashele@randwater.co.za">pmashele@randwater.co.za</a>
CITY PARKS	Hamilton Masiela	12 Glencoe road cnr Marlborough, Springfield	011 683 8231	011 683 8232	<a href="mailto:hmasiela@jhbcityparks.com">hmasiela@jhbcityparks.com</a>
LIQUID TELECOM	Peter Brasler Nqobile Munro	33 Hoofd Str, Forum 3, Building 9, Braampark	011 585 0850 0832865308 083 778 6739	011 585 0001	<a href="mailto:Peter.Brasler@liquidtelecom.co.za">Peter.Brasler@liquidtelecom.co.za</a> <a href="mailto:wayleaves.gauteng@liquidtelecom.co.za">wayleaves.gauteng@liquidtelecom.co.za</a>
MTN	Vusi Mahlobo	14 <sup>th</sup> Avenue, Fairland, 2195	083 212 3753 011 912 4343		<a href="mailto:Way.leaves@mtn.com">Way.leaves@mtn.com</a> <a href="mailto:Wayleaves@sasol.com">Wayleaves@sasol.com</a>
SASOL	Rachel Mphofu	146 Honfbaai Rd, Elandhaven	011 865 8563	011 865 8591	<a href="mailto:rachel.mphofu@sasol.com">rachel.mphofu@sasol.com</a>
DARK FIBRE AFRICA	Bayanda Ngcuka	55 Regency Dr, Route 21 Corporate Park, Nellmapus Rd and Irene, Pretoria	071 852 4977	073 331 7123	<a href="mailto:services@dfafrika.co.za">services@dfafrika.co.za</a> <a href="mailto:Bayanda.Ngcuka@dfafrika.co.za">Bayanda.Ngcuka@dfafrika.co.za</a>
METRO TRADING COMPANY	Bongani Mahlangu	No 308 Kent avenue Randburg 2194 JOHANNESBURG	011 438 6064 082 432 4080		<a href="mailto:wayleaves@metrotradingcompanyjoburg.org.za">wayleaves@metrotradingcompanyjoburg.org.za</a>
JRA STORM WATER	Ron Segenhout	66 Pixley ka Isaka Seme street cnr Rahima Moosa street, Newtown	011 298 5019/20/21	011 2985019/20/21	<a href="mailto:servicesinfo@jra.org.za">servicesinfo@jra.org.za</a>
TRANSNET	Thami Hadebe	202 Anton Lembebe Durban 4000	031 3611456		<a href="mailto:Thami.hadebe@transnet.net">Thami.hadebe@transnet.net</a>

## SCHEDULE OF FEES FOR REINSTATEMENT OF EXCAVATIONS: 2017/2018

(NOTE: Fees are revised annually as from 1 July)

Standard Activity	Unit of Measurement	New Tariff
Road Riding Surface	Square meter (m <sup>2</sup> )	R 1 200.00
Backfilling	Square meter (m <sup>2</sup> )	R 870.00
Paved Footways	Square meter (m <sup>2</sup> )	R 545.00
DCP Testing (excluding transport, labour and administration)	Per test	R 185.00
Unpaved Footways	Square meter (m <sup>2</sup> )	R 535.00
Kerbing	Linear meter (m)	R 805.00
Temporary Reinstatements	Square meter (m <sup>2</sup> )	R 405.00
Wayleave processing fee	Sum per project application per suburb	R 735.00
Wayleave process fee for unplanned work (emergencies)	Sum per application per suburb	R 650.00
For Re-inspection where previous inspection had failed and work was redone	Penalty / Fine	R 2 500.00
Penalty for failed reinstatements done by own agent	Penalty / Fine	R 10 000.00

## ROADWORKS SIGNING FOR URBAN STREETS

The following pages are extracted from the South African Roads and Traffic Signs Manual (SARTSM), Volume 2, Chapter 13, which set the standards for road barricades and signage for all work in the City of Johannesburg's road reserve.

	<u>Section</u>
General .....	13.10.1
Urban Roadworks .....	13.10.2
Temporary Traffic Signals .....	13.10.3
Sidewalk Deviation .....	13.10.4
Localised Work Site - Good Visibility .....	13.10.5
Lane Closed Beyond a Junction .....	13.10.6
Work within a Junction .....	13.10.7
Work in a One-way Street .....	13.10.8
Road Closure – CBD .....	13.10.9
Road Closure - Dual Carriageway Street .....	13.10.10
Road Closure – Detour .....	13.10.11

## DYNAMIC CONE PENETRATION TEST READINGS

WAYLEAVE NUMBER: ..... SUBURB:.....

STREET: ..... FROM: ..... TO: .....

CHAINAGE / POSITION: ..... DATE: .....

**N.B.** Penetration is limited to a maximum depth of 800 mm.

No. of Blows	Penetration Reading
0	
5	
10	
15	
20	
25	
30	
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	
95	
100	
105	
<b>110</b>	
115	
120	
125	
130	
135	
140	
145	

No. of Blows	Penetration Reading
150	
155	
160	
165	
170	
175	
180	
185	
190	
195	
200	
205	
210	
215	
220	
225	
230	
235	
240	
245	
250	
255	
260	
265	
270	
275	
280	
285	
290	
295	

No. of Blows	Penetration Reading
300	
305	
310	
315	
320	
325	
330	
335	
340	
345	
350	
355	
360	
365	
370	
375	
380	
385	
390	
395	
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405	
410	
415	
420	
425	
430	
435	
440	

APPROVAL: NAME..... SIGNATURE ..... DATE: .....  
for INDEPENDENT TESTER

APPROVAL: NAME..... SIGNATURE ..... DATE: .....  
for WAYLEAVE HOLDER

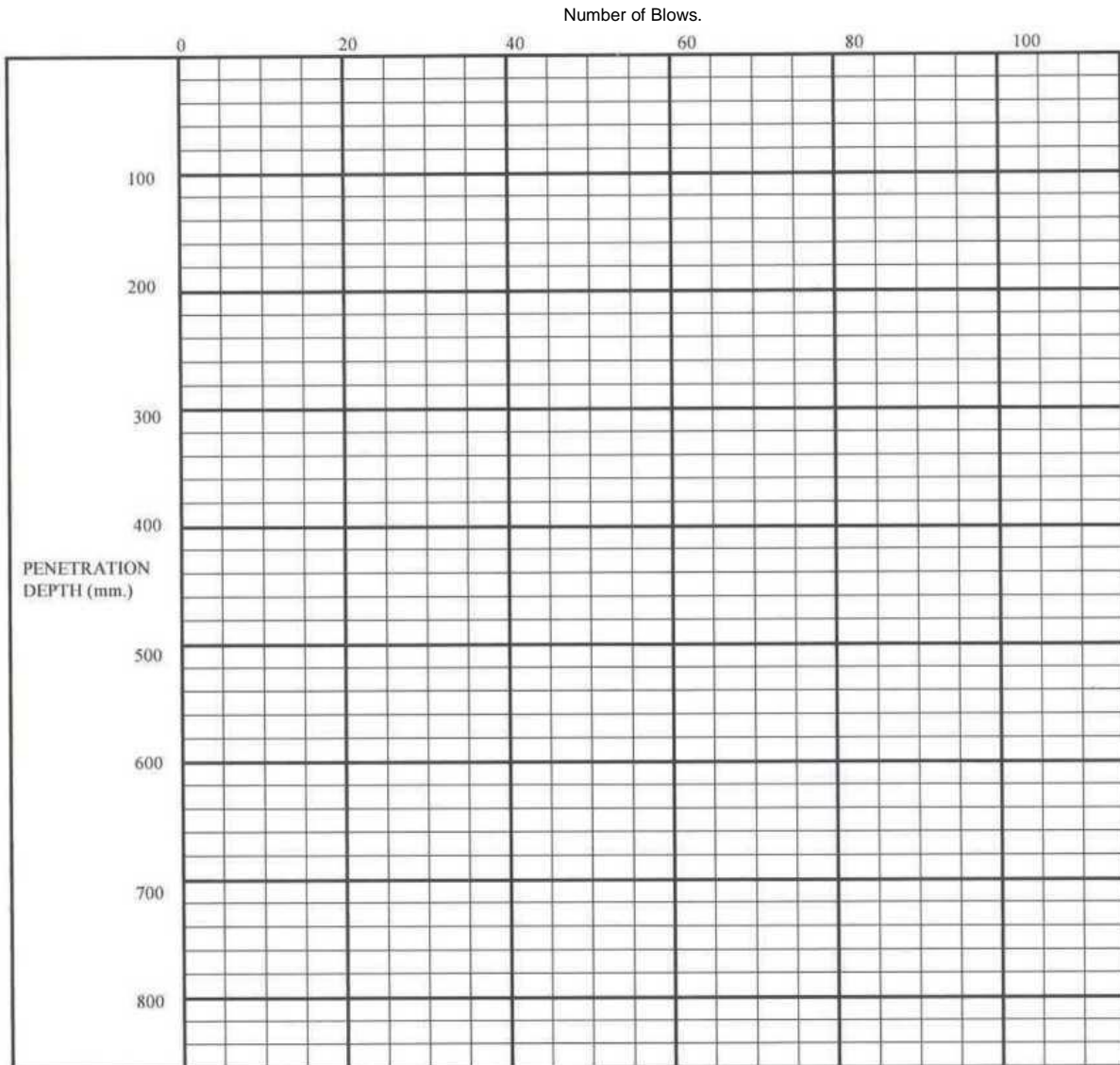
APPROVAL: NAME..... SIGNATURE ..... DATE: .....  
for JRA

## DYNAMIC CONE PENETRATION TEST RESULT

WAYLEAVE NUMBER: ..... SUBURB:.....

STREET: ..... FROM: ..... TO: .....

CHAINAGE / POSITION: ..... DATE: .....



APPROVAL: NAME ..... SIGNATURE ..... DATE:.....

for INDEPENDENT TESTER

APPROVAL: NAME ..... SIGNATURE ..... DATE:.....

for WAYLEAVE HOLDER

APPROVAL: NAME ..... SIGNATURE ..... DATE:.....

for JRA