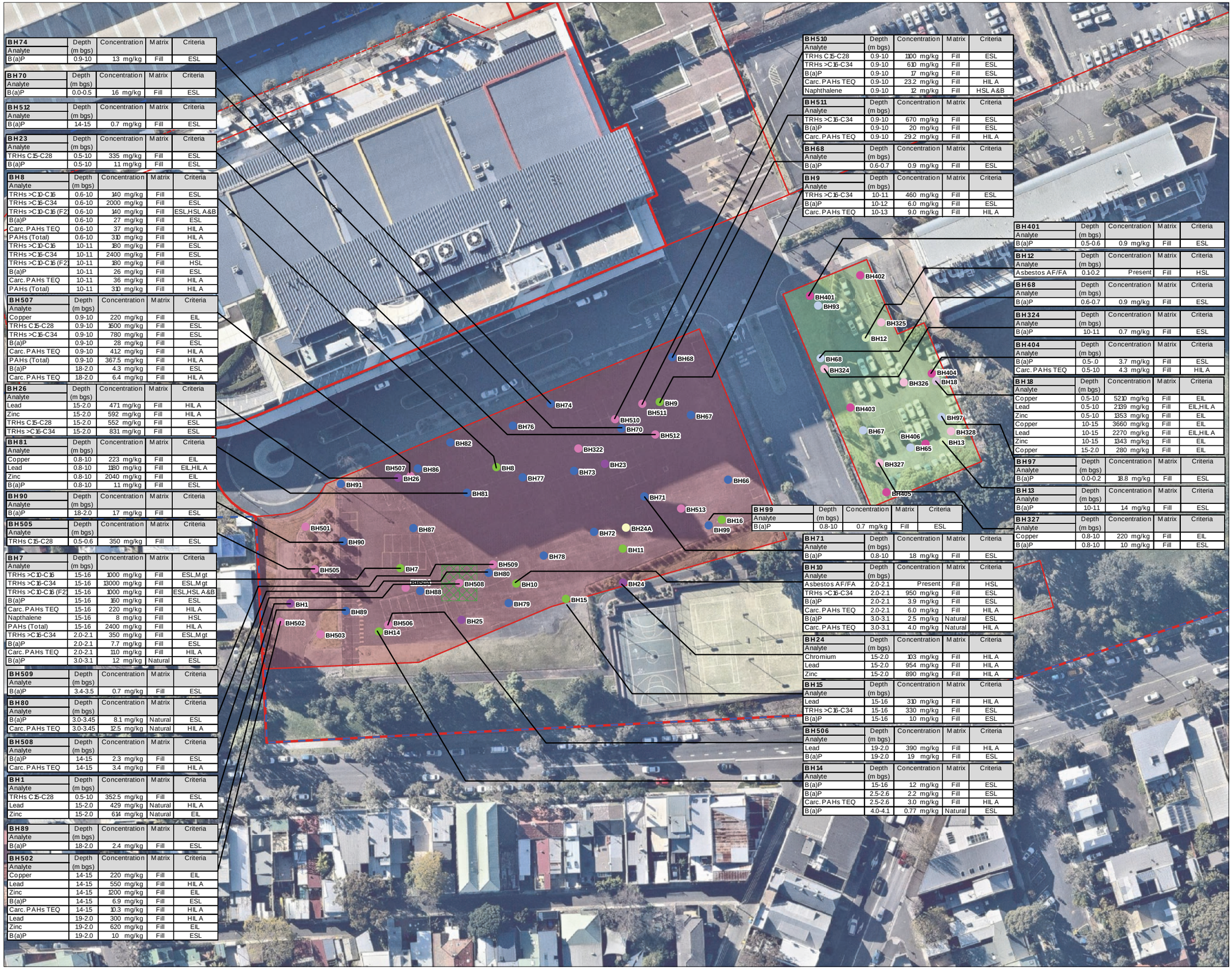

BH74	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	0.9-1.0	1.3 mg/kg	Fill	ESL

BH70	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	0.0-0.5	1.6 mg/kg	Fill	ESL

BH512	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	1.4-1.5	0.7 mg/kg	Fill	ESL

BH23	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
TRHs C15-C28	0.5-1.0	335 mg/kg	Fill	ESL
B(a)P	0.5-1.0	11 mg/kg	Fill	ESL

BH8	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
TRHs >C10-C16	0.6-1.0	140 mg/kg	Fill	ESL
TRHs >C16-C34	0.6-1.0	2000 mg/kg	Fill	ESL
TRHs >C10-C16 (F2)	0.6-1.0	140 mg/kg	Fill	ESL,HSL A&B
B(a)P	0.6-1.0	27 mg/kg	Fill	ESL
Carc. PAHs TEQ	0.6-1.0	37 mg/kg	Fill	HIL A
PAHs (Total)	0.6-1.0	310 mg/kg	Fill	HIL A
TRHs >C10-C16	1.0-1.1	180 mg/kg	Fill	ESL
TRHs >C16-C34	1.0-1.1	2400 mg/kg	Fill	ESL
TRHs >C10-C16 (F2)	1.0-1.1	180 mg/kg	Fill	HSL
B(a)P	1.0-1.1	26 mg/kg	Fill	ESL
Carc. PAHs TEQ	1.0-1.1	36 mg/kg	Fill	HIL A
PAHs (Total)	1.0-1.1	310 mg/kg	Fill	HIL A

BH507	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
Copper	0.9-1.0	220 mg/kg	Fill	EIL
TRHs C15-C28	0.9-1.0	1600 mg/kg	Fill	ESL
TRHs >C16-C34	0.9-1.0	780 mg/kg	Fill	ESL
B(a)P	0.9-1.0	28 mg/kg	Fill	ESL
Carc. PAHs TEQ	0.9-1.0	41.2 mg/kg	Fill	HIL A
PAHs (Total)	0.9-1.0	367.5 mg/kg	Fill	HIL A
B(a)P	1.8-2.0	4.3 mg/kg	Fill	ESL
Carc. PAHs TEQ	1.8-2.0	6.4 mg/kg	Fill	HIL A

BH26	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
Lead	1.5-2.0	471 mg/kg	Fill	HIL A
Zinc	1.5-2.0	592 mg/kg	Fill	HIL A
TRHs C15-C28	1.5-2.0	552 mg/kg	Fill	ESL
TRHs >C16-C34	1.5-2.0	831 mg/kg	Fill	ESL

BH81	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
Copper	0.8-1.0	223 mg/kg	Fill	EIL
Lead	0.8-1.0	1180 mg/kg	Fill	EIL,HIL A
Zinc	0.8-1.0	2040 mg/kg	Fill	EIL
B(a)P	0.8-1.0	1.1 mg/kg	Fill	ESL

BH90	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	1.8-2.0	1.7 mg/kg	Fill	ESL

BH505	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
TRHs C15-C28	0.5-0.6	350 mg/kg	Fill	ESL

BH7	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
TRHs >C10-C16	1.5-1.6	1000 mg/kg	Fill	ESL,Mgt
TRHs >C16-C34	1.5-1.6	13000 mg/kg	Fill	ESL,Mgt
TRHs >C10-C16 (F2)	1.5-1.6	1000 mg/kg	Fill	ESL,HSL A&B
B(a)P	1.5-1.6	1.60 mg/kg	Fill	ESL
Carc. PAHs TEQ	1.5-1.6	220 mg/kg	Fill	HIL A
Napthalene	1.5-1.6	8 mg/kg	Fill	HSL
PAHs (Total)	1.5-1.6	2400 mg/kg	Fill	HIL A
TRHs >C16-C34	2.0-2.1	350 mg/kg	Fill	ESL,Mgt
B(a)P	2.0-2.1	7.7 mg/kg	Fill	ESL
Carc. PAHs TEQ	2.0-2.1	11.0 mg/kg	Fill	HIL A
B(a)P	3.0-3.1	1.2 mg/kg	Natural	ESL

BH509	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	3.4-3.5	0.7 mg/kg	Fill	ESL

BH80	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	3.0-3.45	8.1 mg/kg	Natural	ESL
Carc. PAHs TEQ	3.0-3.45	12.5 mg/kg	Natural	HIL A

BH508	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	1.4-1.5	2.3 mg/kg	Fill	ESL
Carc. PAHs TEQ	1.4-1.5	3.4 mg/kg	Fill	HIL A

BH1	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
TRHs C15-C28	0.5-1.0	352.5 mg/kg	Fill	ESL
Lead	1.5-2.0	429 mg/kg	Natural	HIL A
Zinc	1.5-2.0	614 mg/kg	Natural	EIL

BH89	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	1.8-2.0	2.4 mg/kg	Fill	ESL

BH502	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
Copper	1.4-1.5	220 mg/kg	Fill	EIL
Lead	1.4-1.5	550 mg/kg	Fill	HIL A
Zinc	1.4-1.5	1200 mg/kg	Fill	EIL
B(a)P	1.4-1.5	6.9 mg/kg	Fill	ESL
Carc. PAHs TEQ	1.4-1.5	10.3 mg/kg	Fill	HIL A
Lead	1.9-2.0	300 mg/kg	Fill	HIL A
Zinc	1.9-2.0	620 mg/kg	Fill	EIL
B(a)P	1.9-2.0	1.0 mg/kg	Fill	ESL

BH510	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
TRHs C15-C28	0.9-1.0	1100 mg/kg	Fill	ESL
TRHs >C16-C34	0.9-1.0	610 mg/kg	Fill	ESL
B(a)P	0.9-1.0	17 mg/kg	Fill	ESL
Carc. PAHs TEQ	0.9-1.0	23.2 mg/kg	Fill	HIL A
Naphthalene	0.9-1.0	12 mg/kg	Fill	HSL A&B

BH511	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
TRHs >C16-C34	0.9-1.0	670 mg/kg	Fill	ESL
B(a)P	0.9-1.0	2.0 mg/kg	Fill	ESL
Carc. PAHs TEQ	0.9-1.0	29.2 mg/kg	Fill	HIL A

BH68	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	0.6-0.7	0.9 mg/kg	Fill	ESL

BH9	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
TRHs >C16-C34	1.0-1.1	460 mg/kg	Fill	ESL
B(a)P	1.0-1.2	6.0 mg/kg	Fill	ESL
Carc. PAHs TEQ	1.0-1.3	9.0 mg/kg	Fill	HIL A

BH401	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	0.5-0.6	0.9 mg/kg	Fill	ESL

BH12	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
Asbestos AF/FA	0.1-0.2	Present	Fill	HSL

BH68	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	0.6-0.7	0.9 mg/kg	Fill	ESL

BH324	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	1.0-1.1	0.7 mg/kg	Fill	ESL

BH404	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	0.5-.0	3.7 mg/kg	Fill	ESL
Carc. PAHs TEQ	0.5-1.0	4.3 mg/kg	Fill	HIL A

BH18	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
Copper	0.5-1.0	5210 mg/kg	Fill	EIL
Lead	0.5-1.0	2139 mg/kg	Fill	EIL,HIL A
Zinc	0.5-1.0	1353 mg/kg	Fill	EIL
Copper	1.0-1.5	3660 mg/kg	Fill	EIL
Lead	1.0-1.5	2270 mg/kg	Fill	EIL,HIL A
Zinc	1.0-1.5	1343 mg/kg	Fill	EIL
Copper	1.5-2.0	280 mg/kg	Fill	EIL

BH97	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	0.0-0.2	18.8 mg/kg	Fill	ESL

BH13	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	1.0-1.1	1.4 mg/kg	Fill	ESL

BH327	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
Copper	0.8-1.0	220 mg/kg	Fill	EIL
B(a)P	0.8-1.0	1.0 mg/kg	Fill	ESL

BH99	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	0.8-1.0	0.7 mg/kg	Fill	ESL

BH71	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	0.8-1.0	1.8 mg/kg	Fill	ESL

BH10	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
Asbestos AF/FA	2.0-2.1	Present	Fill	HSL
TRHs >C16-C34	2.0-2.1	950 mg/kg	Fill	ESL
B(a)P	2.0-2.1	3.9 mg/kg	Fill	ESL
Carc. PAHs TEQ	2.0-2.1	6.0 mg/kg	Fill	HIL A
B(a)P	3.0-3.1	2.5 mg/kg	Natural	ESL
Carc. PAHs TEQ	3.0-3.1	4.0 mg/kg	Natural	HIL A

BH24	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
Chromium	1.5-2.0	103 mg/kg	Fill	HIL A
Lead	1.5-2.0	954 mg/kg	Fill	HIL A
Zinc	1.5-2.0	890 mg/kg	Fill	HIL A

BH15	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
Lead	1.5-1.6	310 mg/kg	Fill	HIL A
TRHs >C16-C34	1.5-1.6	330 mg/kg	Fill	ESL
B(a)P	1.5-1.6	1.0 mg/kg	Fill	ESL

BH506	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
Lead	1.9-2.0	390 mg/kg	Fill	HIL A
B(a)P	1.9-2.0	1.9 mg/kg	Fill	ESL

BH14	Depth (m bgs)	Concentration	Matrix	Criteria
Analyte				
B(a)P	1.5-1.6	1.2 mg/kg	Fill	ESL
B(a)P	2.5-2.6	2.2 mg/kg	Fill	ESL
Carc. PAHs TEQ	2.5-2.6	3.0 mg/kg	Fill	HIL A
B(a)P	4.0-4.1	0.77 mg/kg	Natural	ESL

Legend:

Historical Soil Sample Locations

- CMPS&F 1994 (ES 2014b) - Lot 9
- DP 2005a - Lot 8
- DP 2008 (ES 2014b) - Lot 9
- DP 2008a - Lot 8
- ES 2014a - Lot 8
- ES 2014b - Lot 9
- HLA 2001 (DP 2005a) - Lot 8
- HLA 2001 (ES 2014b) - Lot 9
- HLA 2001 (ES 2014e) - Lot 8
- JET 1993 (DP 2005a) - Lot 8
- JET 1993 (ES 2014b) - Lot 9
- Approximate Boundary - ATP Site
- Approximate Boundary - The Site
- Cadastral Boundaries

Lot & DP

- Lot 8 DP1136859
- Lot 9 DP1136859

Remedial Areas

- Location of Potential Leachable Zinc - Fill Assessment Area

JBS&G

Job No: 51142

Client: Mirvac

Version: R02 Rev C | Date: 09-Dec-2015

Drawn By: RF | Checked By: NC

Scale 1:1,000

0 20 metres

Coord. Sys. GDA 1994 MGA Zone 56

Australia Technology Park Eveleigh, NSW

HISTORIC EXCEEDANCES IN SOIL AND REMEDIAL EXTENT - LOT 8 AND 9

FIGURE 8A:

Document Path: G:\JBS Environmental\Projects\Mirvac\51142 ATP Validation\GIS\Maps\R02 Rev C\51142_08a.mxd
Reference: Imagery - www.nearmap.com: Cadastre Boundary -maps.six.nsw.gov.au