

ENVILCOV00315AH Office Job No.: Valad Property Group 31.5.2008 Date started:

Borehole No.

Sheet

BH48

1 of 1

Principal: 31.5.2008 Date completed:

Bor	reho	le L	_oc	atio	n: KAS	Au	topo	wer					(Checke	d by	/ :	BS
drill	mod	lel a	ınd ı	mou	nting: I	land .	Auger			Easting:	slope:	-90°				R.L	Surface:
	dia:					75 mn	1	m= - 1	- u! - !	Northing	bearing	g:				dat	um:
ari	_	_	110	rma	ition			mat		ubstance				. ×		5	
method	1 Denetration		support	water	notes samples, tests, etc	RL	depth metres	graphic log	classification symbol	soil type: plasticity or particl colour, secondary and min	e character	istics, ents.	moisture condition	consistency/ density index	100 Pocket	Pa	structure and additional observations
Crowl Aban	thod					su	1 2 3 4 5 6 7 7 8 pport	8 0		ASPHALT FILL: GRAVELLY SAND: fine to brown to dark brown. Gravel is figrained, dark brown. Some blue roadbase mix. Refusal onto unknown metal object to be underground storage tank. Borehole BH48 terminated at 0.	ine to medit metal grave ject, what ap	um els and ppeared	D action sys	mbols a	nd		EILL Refusal onto unknown metal object, what appeared to be underground storage tank.
AS AD RR W CT HA DT B V	show	n by	roll wa cat hai dia bla V t	ger d er/tri shbo ole to nd au tube nk bi oit bit fix	ool uger	M C pe 1	mud casing netratio 2 3 4 r r ter 10/1/98	no resista anging to efusal 8 water e shown	level	U ₅₀ undisturbed sample 50m U ₆₃ undisturbed sample 63m D disturbed sample N standard penetration test N* SPT - sample recovered Nc SPT with solid cone V vane shear (kPa) P pressuremeter Bs bulk sample E environmental sample R	m diameter	soil des based or system moisture D dr M m W we Wp ple	e ry	classifica			VS very soft S soft F firm St stiff VSt very stiff H hard Fb friable VL very loose L loose MD medium dense D dense VD very dense



ENVILCOV00315AH Office Job No.: Valad Property Group 23.5.2008 Date started:

Borehole No.

Sheet

BH5

1 of 1

Principal: 23.5.2008 Date completed:

Bo	reho	ole	Loc	atio	n: Ken	naro	ds Se	elf St	torag	е		(Checke	d by:	BS
drill	mod	del a	and	mou	nting:	ruck	mounte	d drill	rig	Easting: slope:	-90°			R.L	. Surface:
	e dia					100 m	ım			Northing bearing	g:			dat	um:
dr	_	ŭ	nfo	rma	ition	i		mate		ubstance					
method	1 2		support	water	notes samples, tests, etc	RL	depth metres	graphic log	classification symbol	material soil type: plasticity or particle character colour, secondary and minor compon		moisture condition	consistency/ density index	100 pocket 200 d penetro- 300 meter	structure and additional observations
ADAISV					E		1			ASPHALT FILL: GRAVELLY SAND:fine to medium g brown to dark brown. Gravel is fine to medi grained, red to brown with some dark brown brick fragments.	um	D	L		PID: 1.2
					E + DUP 10 E + DUP 11, 11a		- - - 2			FILL: GRAVELLY SAND: fine to medium graned to brown. Gravel is medium grained, re- brown. (crushed brick) FILL: GRAVELLY SAND: fine to medium grain brown to red brown. Gravel is medium grain brown. Low hydrocarbon odour. FILL: GRAVELLY SAND: fine to medium grain brown. Gravel is fine grained, re brown. (crushed brick) Low hydrocarbon odour.	d to pale rained, ned, rained, ed to	D D	L		PID: 6.5 PID: 27
					E		_	0 0 0		GRAVELLY SAND: fine to medium grained brown to brown. Gravel is medium grained, Some grey shale and ironstone fragments.	brown.	D D	L		RESIDUAL PID: 1.0
	thod						3 3 4 4 5 6 7			brick fragments. GRAVELLY SAND: fine to medium grained brown to brown. Gravel is medium grained, brown to brown. Borehole BH5 terminated at 2.7m	, pale pale	cation sy			consistency/density index
AS AD RR W CT HA DT B V T	show		au rol wa ca ha dia bla V	ger of ller/tri ashbo ble to and au atube ank b bit bit ffix	ore ool uger	M C pe 1	mud casing netratio 2 3 4 reter 10/1/9	n resistate anging to efusal 8 water e shown	level	U ₅₀ undisturbed sample 50mm diameter U ₆₃ undisturbed sample 63mm diameter D disturbed sample N standard penetration test (SPT) N* SPT - sample recovered Nc SPT with solid cone V vane shear (kPa) P pressuremeter Bs bulk sample E environmental sample R refusal	soil des based or system moisture D dr M m W we Wp ple	e y ooist	classifica		VS very soft S soft F firm St stiff VSt very stiff H hard Fb friable VL very loose L loose MD medium dense D dense VD very dense



ENVILCOV00315AH Office Job No.: Valad Property Group 31.5.2008 Date started:

Borehole No.

Sheet

BH50

1 of 1

Principal: 31.5.2008 Date completed:

Bor	reh	ole	Loc	atio	n: KAS	Au	topo	wer					(Checke	d by	<i>r</i> :	BS
drill	mo	del a	and i	nou	nting: I	land .	Auger			Easting:	slope:	-90°				R.L	Surface:
		amet				75 mn	n			Northing	bearing:					dat	um:
dr	_	_	nfo	rma	ition	-	1	mate		ubstance							<u> </u>
method	l	- လ penetration - လ	support	water	notes samples, tests, etc	RL	depth metres	graphic log	classification symbol	materia soil type: plasticity or parti colour, secondary and m	icle characteristi	ics,	moisture condition	consistency/ density index	100 pocket	a '	structure and additional observations
НАРТ							_	<i>^ ∧</i>		CONCRETE FILL: GRAVELLY SAND: fine to	to medium grain	1,	D	L			FILL Refusal onto unknown FILL
_							-			brown. Gravels are fine grained brown. Borehole BH50 terminated at 0	d, brown to dark						material.
							1										-
							-										
							2										
							-										
							3										
							_										
							4_										
							_										
							<u>5</u>										
							_										
							6										
							_										
							7_										
							8										
met AS AD RR W CT HA		l	roll wa cal hai	ger d er/trion shbo ole to nd au	ol	M C pe	pport mud casing netratio 2 3 4		nil ance	notes, samples, tests U ₅₀ undisturbed sample 50i U ₆₃ undisturbed sample 63i D disturbed sample N standard penetration te N* SPT - sample recovere Nc SPT with solid cone	mm diameter est (SPT)	classific soil desc based or system moisture D dr	cription n unified e y				consistency/density index VS very soft S soft F firm St stiff VSt very stiff H hard
DT B V T *bit : e.g.		wn b <u>i</u>	bla V b TC	bit ix	t	wa				V vane shear (kPa) P pressuremeter Bs bulk sample E environmental sample R refusal		W we	oist et astic limit uid limit				Fb friable VL very loose L loose MD medium dense D dense VD very dense



ENVILCOV00315AH Office Job No.: Valad Property Group 31.5.2008 Date started:

Principal: 31.5.2008 Date completed:

ESA 630-726 Princess Highway Tempe NC Project: Logged by:

Borehole Location: KAS Autopower BS Checked by:

Borehole No.

Sheet

BH51

1 of 1

drill	l mod	el ar	nd m	ounting	g: F	land .	Auger			Easting:	slope:	-90°				R.I	Surface:	
	e diar					'5 mn	ı			Northing	bearing:					dat	tum:	
dr	_	_	forr	matio	n			mate	erial s	ubstance				-				
method	1 penetration	- 13	suppoir motor	sar	otes nples, ts, etc	RL	depth metres	graphic log	classification symbol	material soil type: plasticity or partic colour, secondary and mi	cle characteristic		moisture condition	consistency/ density index	100 200 3 pocket			structure and ditional observations
тфи				E+	DUPZ 14					CONCRETE FILL: GRAVELLY SAND:fine to brown. Some fine gravels, brow FILL: GRAVELLY SILTY CLAY to dark brown. Gravel is fine to lto dark brown. Some brick frag staining (black). Low hydrocarb FILL: GRAVELLY SAND: fine to dark brown. Gravel is medium gorown. Some white porcellain in staining (black). Low hydrocarb Borehole BH51 terminated at 0	n to dark brown: low plasticity, be medium grained ments, some dar on odour. o medium grained grained, grey to chaterial. Some don odour.	orown d, red rk ed, dd,					FILL PID: 1.7	
AS AD RR W CT A H D T B V T	show	n by⊹	auge roller wash cable hand diatu bland V bit TC b	k bit bit	g*	M C pe 1	ter 10/1/9	no resista ranging to refusal 8 water e showr	level	notes, samples, tests U ₅₀ undisturbed sample 50n U ₆₃ undisturbed sample 63m D disturbed sample N standard penetration tes N* SPT - sample recovered Nc SPT with solid cone V vane shear (kPa) P pressuremeter Bs bulk sample E environmental sample R refusal	nm diameter the diameter that diameter that (SPT)	W we Wp pla	unified of	classifica			consis VS S F St VSt H Fb VL L MD D VD	stency/density index very soft soft firm stiff very stiff hard friable very loose loose medium dense dense very dense



ENVILCOV00315AH Office Job No.: Valad Property Group 31.5.2008 Date started:

Borehole No.

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BH52

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Principal: 31.5.2008 Date completed:

Boı	reho	le L	oca	ion: KAS	A u	topo	wer						Checke	d by:		BS
drill	mod	el a	nd m	ounting:	Hand	Auger			Easting:	slope:	-90°			F	R.L. 8	Surface:
	e diar				75 mn	n			Northing	bearing	g:			C	datun	n:
dr	_	_	nforn	nation	1	1	mate		ubstance						-	
method	. T penetration		support	notes samples, tests, etc	RL	depth metres	graphic log	classification symbol	colour, secondar	material y or particle character ry and minor compone	ristics, ents.	moisture condition	consistency/ density index	200 pocket	400	structure and additional observations
НАРТ						_	44		CONCRETE FILL: SAND: fine to m	edium grained brown	n Some	D	L			FILL
Ì				E	1	_			fine gravels. SILTY CLAY: low to me to grey mottled brown.			M	F			PID: 0.6 RESIDUAL PID: 0.6
					1	_			SILTY CLAY: low plas		ale	M	F			
				E	1	<u> </u>	<i>(////</i>		brown. GRAVELLY SAND:fir			D	L		F	PID: 0.6
									brown to grey with sor grained, pale brown to fragments. Borehole BH52 termin	me brown. Gravel is fi grey. Some grey sha	ne					-
						<u>3</u> -										-
						- - 4										-
						_ _ _										
						<u>5</u>										-
						_ _ _										
						6_										-
						_										
						<u>7</u> -										-
						8					-1 15					
AS AD RR W CT HA DT B V		n by	auge roller wash cable	tool auger be bit	M C pe	ter 10/1/9	no resista anging to refusal 8 water e showr	level	U ₆₃ undisturbed s D disturbed sam	etration test (SPT) recovered d cone (Pa)	W we Wp pla	cription n unified e y oist	classifica			consistency/density index VS very soft S soft F firm St stiff VSt very stiff H hard Fb friable VL very loose L loose MD medium dense D dense



ENVILCOV00315AH Office Job No.: Valad Property Group 20.5.2008 Date started:

Borehole No.

Sheet

BH7

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Principal: 20.5.2008 Date completed:

Bor	ehole	Loc	atio	n: Ken i	narc	ls Se	elf St	orag	e			C	Checke	d by:	BS	
drill	model	and i	nour	nting:	ruck	mounte	ed drill ı	rig	Easting: 204.04	43 slope:	-90°			R.I	Surface:	10.41
	diame				100 m	m			Northing 140.9	171 bearin	g:			da	tum:	
dri	lling i	info	rma	tion	1		mate		ubstance		-				1	
method	. 5 penetration	support	water	notes samples, tests, etc	RL	depth metres	graphic log	classification symbol	colour, second	material ity or particle characte ary and minor compon		moisture condition	consistency/ density index	200 A penetro- 300 a penetro- 400 meter		tructure and onal observations
ADV				E	_10	1 1			dark brown. Gravel i dark brown. Colour becoming da		rown to	D	_		PID: 0.9	- - - - - -
			-	E	_8	2 2 - - 3			brown to dark brown brown to dark brown	ND:Fine to medium gr. Gravel is medium to o	coarse,	W	F		PID: 0.5	- - - - - -
			-	E	_7	- - -									PID: 0.7	- - -
				E	_6	<u>4</u> - -			and red mottled grey ironstone. Silty CLAY: Medium	plasticity, pale brown, . Some fine gravels, sl	nale and	M	F		PID: 0.7	- - -
				Е	_5	5 -			ironstone.Traces of i	rine graveis, snaie,	brown to				PID: 0.6	- - - -
meti AS AD RR W CT HA DT B V T *bit s e.g.	hod shown b	aug roll wa cat hai dia bla V t	ger dr er/tric shbor ole too nd au tube nk bit oit bit	re ol ger	M C per 1:	ter 10/1/9	no resista ranging to refusal 8 water e shown	level	notes, samples, tests U ₅₀ undisturbed U ₆₃ undisturbed D disturbed so N standard pe	s sample 50mm diameter sample 63mm diameter imple netration test (SPT) le recovered lid cone (kPa) ter	classific soil desc based or system moisture D dr M mo W we Wp pla	cription n unified of	classifica		consister VS S F St VSt H Fb VL L MD D VD	very soft soft firm stiff very stiff hard friable very loose loose medium dense dense very dense



ENVILCOV00315AH Office Job No.: Valad Property Group 20.5.2008 Date started:

Borehole No.

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BH7

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Principal: 20.5.2008 Date completed:

ESA 630-726 Princess Highway Tempe NC Project: Logged by: Borehole Location: Kennards Self Storage BS

3or	rehole	: Lo	catio	on: Ken	naro	ds Se	elf St	orag	е			(Checke	d by:	BS	
	model					mounte	ed drill r	ig	Easting: 204.043	slope:	-90°			R.I	Surface: 10.4	
	e diame				100 m	m	mote	rial a	Northing 140.9171 ubstance	bearing:				da	um:	
	penetration			notes samples,				classification symbol	material			ure ion	consistency/ density index	pocket penetro- meter	structu additional o	
method	123	support	water	tests, etc	RL	depth metres	graphic log	classif	soil type: plasticity or particle cl colour, secondary and minor o	components.		moisture condition		kPa 00000 0000		
ADV				Е	_3	- - 7 - - 8			Sandy Gravelly CLAY:Low plastici black. Sand is fine to medium, grav. grained. Some rootlets, some 'coke material, some glass. (continued) Becoming saturated.	els are mediu	ım	M	S-L		PID: 0.9	
				E		9									PID: 0.8	
	thod					10 - 110 - 111 - - 12			notes, samples, tests	cl	assific	ation sy	mbols a	nd	consistency/den	
S DRVTIA T S S S S S S S S S S S S S S S S S S	shown	ai ro ca hi di bi V T by su	uger of the state	ool uger e	C pe	ter 10/1/9	no resista ranging to refusal 8 water e shown	level	U _{so} undisturbed sample 50mm di U _{so} undisturbed sample 63mm di D disturbed sample 63mm di D standard penetration test (SF N* SPT - sample recovered Nc SPT with solid cone V vane shear (kPa) P pressuremeter Bs bulk sample E environmental sample R refusal	iameter ba sy: PT)	oisture dry we	e y pist	classifica	ition	S so F firit St sti VSt ve H ha Fb frid VL ve L loo MD m D de	m ff ry stiff



ENVILCOV00315AH Office Job No.: Valad Property Group 23.5.2008 Date started:

Borehole No.

Sheet

BH8 1 of 1

Principal: 23.5.2008 Date completed:

20-	- Ghal	ا ما	00.	atio	n: V ~~:	n ~ = -				ogay . epe			Shaaka		P.C
					n: Keni						00%		Checke		BS
				nour	Ü		mounte	ea ariii	rıg	Easting: slope:	-90°			R.L	. Surface:
	dian			mc	tion 1	00 m	m	met	orio! c	Northing bearing: ubstance				datı	um:
ur	_	_		ıııa	uon			mat	_	upstatice				4	
method	ر ک penetration	- 13	noddns	water	notes samples, tests, etc	RL	depth metres	graphic log	classification symbol	material soil type: plasticity or particle characteristi colour, secondary and minor component	ics,	moisture condition	consistency/ density index	100 pocket 200 pocket 300 pocket 400 meter	structure and additional observations
ALMSY							_	0 0		ASPHALT FILL: GRAVELLY SAND:fine to medium grain	ned	D	L		FILL
זַ					E		- - 1			brown to dark brown. Gravels are medium grai Some brick fragments.	ined.				PID: 0.2
					E			ο ο ο ο ο ο							PID: 0.4
					E										PID: 0.5
					E		_			FILL: SANDY GRAVELLY CLAY fow plasticity brown. Gravel is medium grained, pale brown	 to	D	F		PID: 0.3
							3			brown. Some brick fragments. Refusal onto FILL material. Borehole BH8 terminated at 2.7m					
							- - 4								
							- -								
							<u>5</u>								
							6								
							_ _ _								
							7 -								
							- - 8								
	hod		rolle was cab han		re ol	M C pe 1	pport mud casing netratio 2 3 4			notes, samples, tests U ₅₀ undisturbed sample 50mm diameter U ₆₃ undisturbed sample 63mm diameter D disturbed sample N standard penetration test (SPT) N* SPT - sample recovered NC SPT with solid cone V vane shear (kPa)	classification sold description of the control of t	cription n unified of			consistency/density index VS very soft S soft F firm St stiff VSt very stiff H hard Fb friable
it:	showr	n by	blai V b TC	nk bit it bit ix	t	▼	10/1/9			P pressuremeter	W we	oist et astic limit uid limit			VL very loose L loose MD medium dense D dense VD very dense



ENVILCOV00315AH Office Job No.: Valad Property Group 19.5.2008 Date started:

Borehole No.

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BH9

1 of 1

Principal: 19.5.2008 Date completed:

				n: Ken							C	Checke		BS
	model			=		mounte	ed drill	rig		-90°			R.I	Surface:
	diame				100 m	m		! !	Northing bearing:				dat	um:
method	benetration penetration	Support		notes samples, tests, etc		depth	graphic log	classification symbol	material soil type: plasticity or particle characteristics,		moisture condition	consistency/ density index	y pocket a penetro- meter	structure and additional observations
	123	ร	š		RL	depth metres	gr	જે હ	colour, secondary and minor components.		Ēβ	ပ္ပ မွာ	200 300 400	
ADT						-	0 0 0 0		ASPHALT FILL: SANDY GRAVEL:gravel is coarse grained, dark brown to brown. Sand is fine to medium grained, dark brown. (roadbase mix) FILL: GRAVELLY SAND:fine to medium grained,		D M	L		FILL
				E		1			brown to dark brown. Gravels are medium to coars grained, pale brown to dark brown.	se				PID: 400
				E		_ _ 2 _			FILL: GRAVELLY SAND: fine to medium grained, brown. Gravels are medium to coarse grained, dar brown. Some brick fragments.	rk	М	L		PID: 465
				E + DUP 1		- - 3								PID: 45.5
				E		- - -								PID: 242
				E	-	4_	0 0 0		Refusal at 4.4m onto FILL material. Borehole BH9 terminated at 4.4m					PID: 328
						5 -								
						6								
						-								
						<u>7</u> - -								
net S	hod			screwing*	М	pport mud casing	N	nil	U ₅₀ undisturbed sample 50mm diameter soil	l desc	cription	mbols a		consistency/density index VS very soft S soft
R / T A T		r v c h d	oller/tr ashbo able to and a iatube lank b	ore ool uger	pe 1	netratio 2 3 4 1 1 1 1 10/1/98	n resistate anging to efusal 8 water e showr	level	D disturbed sample syst N standard penetration test (SPT)	isture dry mo	e /		auOII	F firm St stiff VSt very stiff H hard Fb friable VL very loose L loose
bit .g.	shown I	T by si	C bit			water i	nflow		E environmental sample W _L R refusal		uid limit			MD medium dense D dense VD very dense



ENVILCOV00315AH Office Job No.: Valad Property Group 31.5.2008 Date started:

Borehole No.

Sheet

MW17

1 of 1

Principal: 31.5.2008 Date completed:

Boı	rehol	e Lo	catio	on: <i>KAS</i>	Au	topo	wer					C	Checke	d by:	BS	
drill	mode	el and	l mou	ınting:	Γruck	mounte	d drill	rig	Easting:	slope:	-90°			R	.L. Surface:	
	e dian				100 m	m		!-!-	Northing	bearing:	:			d	atum:	
ar	_	_	orma	ation	1		mate		ubstance					_	_	
method	7 penetration	15	water	notes samples, tests, etc	RL	depth metres	graphic log	classification symbol	materi soil type: plasticity or par colour, secondary and n	ticle characteris	stics, nts.	moisture condition	consistency/ density index	100 pocket 200 d penetro-	400	structure and ditional observations
n TdTaA	12:	3 %		E	RL .	3 3 4 5 5			CONCRETE FILL: GRAVELLY SAND: fine to media to grey. CONCRETE FILL: SAND: fine to mediam of grey. (fill sand) FILL: SANDY GRAVEL: coars brown to dark grey. Sand is fine dark brown. Borehole MW17 terminated a	e to medium graum grained, pale grained, pale ye	ained, e brown		L	10	PID: 0.8 PID: 1.1	_
AS AD RR W CT HA DT B V T	shown	a r c t t t t t t t	uger of the collection of the	ore ool uger e	M C pe 1	6 7 7 8 pport mud casing netratio	n resistate anging to efusal 8 water e shown	level	notes, samples, tests U ₅₀ undisturbed sample 50 D disturbed sample 60 D standard penetration t N* SPT - sample recoven Nc SPT with solid cone V vane shear (kPa) P pressuremeter Bs bulk sample E environmental sample R refusal	3mm diameter test (SPT) red	W we	cription n unified of e y oist	classifica		consi VS S F St VSt H Fb VL L MD D VD	stency/density index very soft soft firm stiff very stiff hard friable very loose loose medium dense dense very dense



Office Job No .: **ENVILCOV00315AH** Valad Property Group 31.5.2008 Date started:

Borehole No.

Sheet

MW18

very dense

1 of 2

Principal: 31.5.2008 Date completed:

ESA 630-726 Princess Highway Tempe NC Project: Logged by: BS

Borehole Location: KAS Autopower Checked by: drill model and mounting: Truck mounted drill rig Easting: slope: R.L. Surface: hole diameter: 100 mm Northing bearing: datum drilling information material substance pocket penetro-meter consistency/ density index classification symbol notes penetratic structure and material graphic log samples additional observations method support tests, etc water soil type: plasticity or particle characteristics, depth metre RI 92004 123 colour, secondary and minor components. ADTT FILL: GRAVELLY SAND: fine to medium grained, D brown to dark brown. Gravel is medium grained, pale 0 0 brown to brown. Some brick fragments, some grey PID: 0.7 Ε shale fragments. CONCRETE D L FILL: GRAVELLY SAND fine to medium grained, 1 D brown to dark brown. Gravel is medium to coarse PID: 0.7 F Q grained, brown to dark brown. FILL: GRAVELLY SAND: fine to medium grained, pale brown to brown. Gravel is medium grained, red to brown. Some fragments of brick, some glass, PID: 0.7 Ε some concrete, some metal pieces 2 PID: 0.6 Ε 3 PID: 0.6 Ε 4 PID:06 Air Blade <u>5</u> 6 7 notes, samples, tests classification symbols and consistency/density index undisturbed sample 50mm diameter AS auger screwing soil description VS M mud very soft ΑD auger drilling* undisturbed sample 63mm diameter based on unified classification casing U_{63} soft RR W roller/tricone ח disturbed sample firm penetration standard penetration test (SPT) washbore Ν St stiff ranging to refusal СТ cable tool N' SPT - sample recovered moisture VSt very stiff hand auge SPT with solid cone dry DT diatube ٧ vane shear (kPa) М moist Fb friable 10/1/98 water level В blank bit pressuremeter wet VL very loose V bit Bs bulk sample Wp plastic limit loose on date shown TC bi environmental sample liquid limit MD medium dense water inflow *bit shown by suffix refusal dense water outflow VD

ADT



ENVILCOV00315AH Office Job No.: Valad Property Group 31.5.2008 Date started:

Borehole No.

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MW18

2 of 2

Principal: 31.5.2008 Date completed:

Borel	hole	Loc	atio	n: KAS	Au	topo	wer					C	Checke	d by	/ :	BS
drill m	odel	and	mou	nting:	ruck i	mounte	d drill	rig	Easting:	slope:	-90°				R.L	Surface:
hole d					100 mi	m			Northing	bearing	j :				dat	um:
drill	_	info	rma	ition	i		mate		ubstance							
<u>1</u>	ν penetration	support	water	notes samples, tests, etc	RL	depth metres	graphic log	classification symbol	material soil type: plasticity or partic colour, secondary and mi	cle characteri inor compone	ents.	moisture condition	consistency/ density index	200 A pocket	Pa	structure and additional observations
Air Blade						- - - 9			FILL: GRAVELLY SAND:fine to pale brown to brown. Gravel is to brown. Some fragments of b some concrete, some metal pied.	medium grain rick, some gla	ned, red ass,	D	L			
						9 - 10 - 11 -	· · · · · · · ·		Borehole MW18 terminated at s	∍m						-
						1 <u>2</u>										
						1 <u>4</u>				•						
Method AS AD RR W CT HA DT B V T *bit sh e.g.		au rol wa ca ha dia bla V I	ger d ler/trieshbo ble to nd au atube ank bi bit bit fix	re ool uger	M C per	ter 10/1/9	n resistate anging to efusal 8 water e shown	level	notes, samples, tests U ₅₀ undisturbed sample 50n U ₈₃ undisturbed sample 63n D disturbed sample N standard penetration tes N* SPT - sample recovered NC SPT with solid cone V vane shear (kPa) P pressuremeter Bs bulk sample E environmental sample R refusal	mm diameter st (SPT)	W we	cription n unified of	classifica			consistency/density index VS very soft S soft F firm St stiff VSt very stiff H hard Fb friable VL very loose L loose MD medium dense D dense VD very dense



Engineering Log - Piezometer

ESA 630-726 Princess Highway Tempe

Project:

ENVILCOV00315AH Office Job No.:

Borehole No.

Logged by:

Sheet

BH10/MW8

1 of 2

NC

Valad Property Group 20.5.2008 Date started:

20.5.2008 Principal: Date completed:

				n: Ken								Checked		BS
drill	model	& m	ounti	ng:Truck m	ounted o	drill rig	g	Eas	sting: 2	230.7552 slope:	-90°		R.L	Surface: 10.35
	diame							_		98.8424 bearin	g:		dat	um:
dr	illing i	Into	orma	ition				ma		substance				
method	5 penetration	support	water	notes samples, tests, etc	well details	s RL	depth metres	graphic log	classification symbol	material soil type: plasticity or particle colour, secondary and mino	characteristics, or components.	moisture condition	consistency/ density index	structure and additional observations
ADMISV				E		_10	- - -			ASPHALT FILL: GRAVELLY SAND:fine to a brown to dark brown. Gravel is m grained. Some large grey shale c	medium grained, edium to coarse obbles.	M	L	FILL PID: 1.1
				E		<u>_</u> 9	<u>1</u> - -	o o o						PID: 1.5
				Е			_ _ 2							PID: 0.9
				E		***	- - - 3	0 0						PID: 1.1
				E		7	- - -							PID: 1
				E		6	<u>4</u> - -							PID: 1.3
						_5	5 -	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
				Е			6_ -	0 0 0 0 0 0 0 0						PID: 1.5
				E		4	- - <u>7</u>							PID: 1.2
						3	- - - 8	0 0 0 0 0 0 0 0						
met AS AD RR W CT DT B V	hod	ro wa ca di bl		ore ool	water	tration 3 4 n ration r 0/1/98	N n oresistance anging to efusal 8 water leves shown	e	notes, s U ₅₀ D N N* Nc P Bs R E	amples, tests undisturbed sample 50mm diameter disturbed sample standard penetration test (SPT) SPT - sample recovered SPT with solid cone pressure meter bulk sample refusal environmental sample PID measurement	classification soil description based on unifie system moisture D dry M moist W wet Wp plastic lir	on d classification		consistency/density index VS very soft S soft F firm St stiff VSt very stiff H hard Fb friable VL very loose L loose
TBX bit : e.g.	shown b	y su	ubex ffix DT		► v		nflow		WS PZ ALT	water sample piezometer air lift test	W _L liquid lim			MD medium dense D dense VD very dense