

APPENDIX 2

COMPLETED FLORA FIELD SURVEY PROFORMAS

Vegetation Assessment

Project #: 4200

Observer: NS / BS

Date:

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: 3	Easting 2 9 8 2 6 0	Northing 6 2 1 1 9 0 3
Location description: Along powerline easement toward creek, off Plateau		
Photo numbers:		

Topographical features	
Slope 35 °	Aspect Westerly °
Outcropping% 25-40	Surface Rock %
Soil Type Silt	Horizon visibility 100m

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	Trees	10	20	40		Euc. sieb, Euc. pip, Long gum.
Mid	Small Ti.	4	8	20		Allocas litt, Cerato gumm, Banksia serr.
Lower	Shrubs	1	3	15		Acacia fern, Banksia spin, Dill retorta, Lamb Eumeces, Dod, tree
Ground	Sedges	0	0.5			Crostis flex, Patersonia ser.
Specht Classification						
Mapped vegetation community			Open Forest - Sandstone Gully			

Habitat Description and comments	
General	steeper slope
Fire History:	5-10 y.a
Vegetation condition:	Good - Dense.
Tree Age and Regeneration:	-
Understorey:	-
Introduced species:	-
Adjacent land:	-
Disturbances:	

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.



Observer: B.S. NS

Date: 11/07/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: <i>A</i>	Easting 2 9 8 0 1 8	Northing 6 2 1 1 7 8 6
Location description: <i>Exp. Sst. Scribbly woodland</i>		
Photo numbers:		

Topographical features	
Slope ° -	Aspect ° <i>East</i>
Outcropping% <i>50</i>	Surface Rock %
Soil Type	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	Trees		10	20	6	<i>Euc. sieb</i> (mult. trunk.) <i>Euc. racem</i> , <i>Log. gummi</i> .
Mid				15	"	<i>Banksia serr.</i> , <i>Leptospermum</i> , <i>Bu.</i>
Lower				25	"	<i>B. spin</i> , <i>Errostaustr</i> , <i>Isopogon</i>
Ground				35	"	<i>Cyathochaeta</i> , <i>Xanthorrhoea</i> <i>Leptospermum</i> , <i>Banksia serr.</i> , <i>Isopogon</i>
Specht Classification						
Mapped vegetation community			Exp. SST. Sc. Woodland			

Habitat Description and comments
General
R.T. Diverse, good habitat & Pers. hirs.
- Good habitat & V. rosea; nearby V-13
Fire History: 2-3 ga
Vegetation condition: Good
Tree Age and Regeneration: Mature Rain
Understorey:
Introduced species:
Adjacent land:
Disturbances:

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.



Observer: *PS* *BS*

Date: 12/7/06

Topographical features	
Slope 1 0 ° N + W	Aspect ° N + W
Outcropping% 20 %	Surface Rock % 10 %
Soil Type SAND	Horizon visibility 100 m

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T		20	25	G	Euc. rac, Ang. cost., Euc. pip Euc. punct.
Mid	Sm. T	5	10	15	G	Banks. serrata, Allocas. l.f. Lepto trin.
Lower	Shrub	1	2	40	G	Grav. mureo, Dood. t.g. Acac. telem, Banks spin
Ground	Sedg Ruellia	0	1	60	G	Lepido lat, Ariso ov, Eudol.
Specht Classification			-			
Mapped vegetation community						

Habitat Description and comments	
General	Good condition through the gaps. SNW / SSCPF w/ creek running
Fire History:	5 years.
Vegetation condition:	Tops.
Tree Age and Regeneration:	Mature + regen.
Understorey:	Healthy.
Introduced species:	-
Adjacent land:	Bush, Road.
Disturbances:	Tracks, fire.

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.



Observer: *BS, MS*

Date: 11/07/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: <i>Near E17</i> <i>WP 7</i>	Easting 2 7 8 6 0 8	Northing 6 2 1 1 3 7 1
Location description:		
Photo numbers:		

Topographical features	
Slope 4 5 °	Aspect ° North.
Outcropping% 40	Surface Rock %
Soil Type ssf.	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	Trees	10	20	40	9	<i>Euc. sieb.</i> , <i>Euc. gummi.</i>
Mid	Small Trees	4	8	50	9	<i>Banksia serr.</i> , <i>Flak dart</i> , <i>Banksia eric</i>
Lower	Shrubs	1	5	30	11	<i>Lept. alba</i> , <i>Banksia spin.</i> , <i>Flak ser.</i> , <i>Lambertia form.</i> , <i>Dill rot.</i>
Ground	Ground c.	0	0.5			<i>Lomandra cyl.</i> , <i>Caustis Alex</i>
Specht Classification			- Trans. to Ridgtop woodland			
Mapped vegetation community						

[illegible]

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.



Observer: SEW

Date: 11/7/06

Topographical features	
Slope °	Aspect °
Outcropping%	Surface Rock %
Soil Type	Horizon visibility

King fern ~~in~~ along creek.

Habitat Description and comments
General
Fire History:
Vegetation condition: Good
Tree Age and Regeneration:
Understorey:
Introduced species: None
Adjacent land: bushland
Disturbances: m-m-e / m-s-les

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.

Vegetation Assessment

Project #: 4200

Observer: *BS, NS*

Date: 11/07

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: <i>V18</i>	Easting 2 9 8 1 9 0	Northing 6 2 1 1 9 2 7
Location description: <i>Sydney Gully beside creek, Cliff on North side</i>		
Photo numbers: <i>- Below easment</i>		

Topographical features	
Slope 6 0 ° (North) 90%	Aspect °
Outcropping%	Surface Rock %
Soil Type	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	Trees	10	30	45	4	<i>Euc. pp. long gum</i> , <i>Euc. agglomerata</i>
Mid	Small Trees	4	10	10		<i>Allo. litt. Bank ser. cerato. gum</i> <i>Elaeocarpus retr.</i>
Lower	Shrubs Ferns	1.0	4	20-30		<i>Dodonaea trigu</i> , <i>Calochortena dubia</i> , <i>Pommaderis sp. (elliptica)</i>
Ground		0.5	1.0	20		<i>Lepid. lat. tomandra long</i>
Specht Classification						
Mapped vegetation community			Sst. Gully Peppermint forest			

Habitat Description and comments
General
Open forest
Fire History: 5-10yrs
Vegetation condition: Good
Tree Age and Regeneration: Mature
Understorey: -
Introduced species: Cotton weed in creek - medium dens.
Adjacent land:
Disturbances:

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.

**Observer:****Date:**

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: <i>V21</i>	Easting	Northing
Location description: <i>willy along Brennans ck.</i>		
Photo numbers:		

Topographical features	
Slope °	Aspect °
Outcropping%	Surface Rock %
Soil Type	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	20	25	35	G	Euc pip,
Mid	ST	3	6	20	G	Persoon levis, Aractorm Bank soil, Cerat gum
Lower	S	1	2	40	G	Hibb nitida, Retro pulch Ernst rust
Ground	grass	0	0.5	5	G	woolsia pung, Epid late, Peters glab.
Specht Classification						
Mapped vegetation community		Gully forest				

[illegible]

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.

Vegetation Assessment

Project #: 4200

Observer: SEW

Date: 11/30/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: <u>V634</u>	Easting	Northing
Location description: <u>Gully of Brennans Cr.</u>		
Photo numbers:		

Topographical features	
Slope [°]	Aspect [°]
Outcropping%	Surface Rock %
Soil Type	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	15	25	25	G	Euc pipi, Corym gum
Mid	ST	2	4	30	G	Bank sell, serotop gum, Pais levis, lept trin
Lower	S	1	2		G	the Hibb nit, Vimin junc, Eriost aust, Bank spin. Poly
Ground	guts 1	0	OT 5	5	G	wool's pung, aust Flex, linear
Specht Classification						
Mapped vegetation community			Gully Forest.			

Habitat Description and comments
General
Fire History: ~2001 fires
Vegetation condition: Good
Tree Age and Regeneration: Some large old trees
Understorey: down m/l leaf litter, sparse veg.
Introduced species: —
Adjacent land: Bushland
Disturbances: fire

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.



Vegetation Assessment

Project #: 4200

Observer: SEW

Date: 12/7/06

Location	
Waypoint: V47	Easting Northing
Location description: Gully forest, upslope of Bremans ck dam	
Photo numbers:	

Topographical features	
Slope 10°	Aspect 180° southerly
Outcropping% 40	Surface Rock % 20
Soil Type sandstone	Horizon visibility 1-2km

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	8	15	30	G	Euc pip, Angorost, Euc alab, carven gum
Mid	ST	3	5	15	G	Bank serr, ceratop gum, tree long
Lower	Shrub	1	2	50	G	Acac term, lept trig, wack pin Bank spin, Leucoperic, pers
Ground	grass herb	0	0.5	10	G	Entol shrub, leucodan yf, caust flex
Specht Classification		Hibbertia h. h. h. present				
Mapped vegetation community		sandstone gully peppermint-apple forest				

Vegetation Health	0	1	2	3
Vegetation condition	☐ No native vegetation	☐ degraded	☐ modified	☒ near natural
Tree Age and Regeneration	☐ trees cleared	☐ mature trees only	☐ slight regeneration	☒ all ages – extensive regeneration
Understorey	☐ understorey removed	☐ scattered shrubs	☐ clumps regenerating	☒ shrub layer intact/ naturally no understorey
Introduced species	☐ dominant	☐ scattered throughout	☐ isolated clumps	☒ few or none

Disturbances	C= Continuous, S = Scattered, I = Isolated
☐ Grazing	☐ Powerlines
☐ Roads	☐ Erosion
☐ Logging	☐ Soil profile

Dam



Vegetation Assessment

Project #: 4200

Observer: SEW

Date: 12/7/06

Location		
Waypoint: V 46	Easting	Northing
Location description:		
Photo numbers:		

Topographical features	
Slope 10°	Aspect Easterly
Outcropping% 40	Surface Rock % 20
Soil Type Sandstone	Horizon visibility 200m

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	8	15	30	G.	Euc racem, Euc glob, cary gum, Euc p.p.
Mid	ST	6	8	15	G.	juvenile eucs.
Lower	shrub	1	3	45	G.	Acacia term, Pers pinf, Pers kin, lept tree, Banksia spin, Dalmanera, Red tree, Ceratoph gum
Ground	grass ridge	0	0.5	10	G.	Poa exul, Cyathocha diard, Lomandra culmifera, Pteris glab.
Specht Classification		hardasp later, Diane caer pool				
Mapped vegetation community		Sandstone Cully Peppermint Forest				

Vegetation Health	0	1	2	3
Vegetation condition	☐ No native vegetation	☐ degraded	☐ modified	☒ near natural
Tree Age and Regeneration	☐ trees cleared	☐ mature trees only	☐ slight regeneration	☒ all ages – extensive regeneration
Understorey	☐ understorey removed	☐ scattered shrubs	☐ clumps regenerating	☒ shrub layer intact/ naturally no understorey
Introduced species	☐ dominant	☐ scattered throughout	☐ isolated clumps	☒ few or none

Disturbances	C= Continuous, S = Scattered, I = Isolated
☐ Grazing	☐ Powerlines
☐ Roads	☐ Erosion
☐ Logging	☐ Soil profile

None



Vegetation Assessment

Project #: 4200

Observer: SEW

Date: 12/7/06

Location	
Waypoint: V52	Easting Northing
Location description: on Brennan's ck	
Photo numbers:	

Topographical features	
Slope 15°	Aspect 185° southerly
Outcropping% 50%	Surface Rock % 20
Soil Type sandstone	Horizon visibility 100m

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	10	15	30	G.	Euc glob, Euc pif, Corym gum (up slope)
Mid	ST	6	8	15	G.	Ceratop gum, Bank serr
Lower	shrub	1	3	40	G.	Bank serr, Bank eric, large term pers pif, Bank serr, lept polyg, ribbon hatched, pteridoph
Ground	sedge	0	0.5	10	G.	lomatium long, Banksia microphy, lomatium mult, Acaonthe ferns, Epar pulch
Specht Classification						
Mapped vegetation community		Perpetuum 4-11, Corred				

Vegetation Health	0	1	2	3
Vegetation condition	☐ No native vegetation	☐ degraded	☐ modified	☒ near natural
Tree Age and Regeneration	☐ trees cleared	☐ mature trees only	☐ slight regeneration	☒ all ages – extensive regeneration
Understorey	☐ understorey removed	☐ scattered shrubs	☐ clumps regenerating	☒ shrub layer intact/ naturally no understorey
Introduced species	☐ dominant	☐ scattered throughout	☐ isolated clumps	☒ few or none

Disturbances	C= Continuous, S = Scattered, I = Isolated
☐ Grazing	☐ Powerlines
☐ Roads	☐ Erosion
☐ Logging	☐ Soil profile



Vegetation Assessment

Project #: 4200

Observer: NS/BS

Date: 12/07/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: V 08	Easting	Northing
Location description: Impeded Drainage line		
Photo numbers:		

Topographical features	
Slope °	Aspect °
Outcropping%	Surface Rock %
Soil Type	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	Large Shrub	1	1.5	5	G	B. eric, Isopogon aneth.
Mid	Small Shrub	0.2	0.5	60	"	Microseris, L. ciliata, Leucopogon sp. lept. arbutusoides, Baeleba sp.
Lower	Sedges Grass	0	0.5	25	"	Lepidodermis, Cyathochaete dendron
Ground						
Specht Classification						
Mapped vegetation community						

Habitat Description and comments
General
Open area with no trees → Impeded drainage.
Fire History:
Vegetation condition:
Tree Age and Regeneration:
Understorey:
Introduced species:
Adjacent land:
Disturbances:

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agгло	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.



Vegetation Assessment

Project #: 4200

Observer: B. Smith

Date: 11/07/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: E06	Easting 2 9 8 8 8 1	Northing 6 2 1 1 6 0 0
Location description: Woodland near E06		
Photo numbers:		

Topographical features	
Slope °	Aspect °
Outcropping%	Surface Rock %
Soil Type	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper				50		E sieb, Euc glob. ^{cor.} Euc. gum. Bank serr, Bank eric
Mid				70%		Bank eric, Banks Hohea ferit
Lower						
Ground						
Specht Classification						
Mapped vegetation community						

Habitat Description and comments
General
Dense under Hohea ferit & Bank eric,
Fire History:
Vegetation condition:
Tree Age and Regeneration:
Understorey:
Introduced species:
Adjacent land:
Disturbances:

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agгло	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.

Vegetation Assessment

Project #: 4200

Observer: *ML*

Date: 12/7/2006.

Location	Note: Easting and Northing is Mandatory for FIS												
Waypoint:	Easting 2 7 7 0 7 1						Northing 6 2 1 2 7 2 2						
Location description: Ridgetop - @ V43 - above picnic ground - @ base of large C. communiter													
Photo numbers:													

Topographical features	
Slope 0 5 °	Aspect 2 2 0 °
Outcropping% 0 - 5%	Surface Rock % < 5%
Soil Type Sandy	Horizon visibility up to 1 km

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	8	15	220%	Good	E. sieb, C. quinnii, E. racemosa.
Mid	S	1.5	3m	~50%	Good	B. serrata, L. trinervia, P. levis Persoonia littoralis Boss ab, pinifolia
Lower	Grass small shrub					
Ground	LD	<0.5		~110%	Good	caus's flwr, montola sp, Lamia silaifolia, ento stricta
Specht Classification						
Mapped vegetation community						

Habitat Description and comments	
General	Good condition vegetation with some very large hollow bearing trees
Fire History:	75 years
Vegetation condition:	Good
Tree Age and Regeneration:	> 10 years for very large
Understorey:	Good - dense proteacea + leptospermum
Introduced species:	—
Adjacent land:	Same
Disturbances:	Some minor disturbance due to seismic survey

NB: No Phirsutah notsed yet

Platz 1 in

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.



Vegetation Assessment

Project #: 4200

Observer: Matt + Siân

Date: 12/7/2006

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint:	Easting 2 9 7 7 5 7	Northing 6 2 1 2 6 9 2
Location description: inside gate @ Brennan's de Dam		
Photo numbers:		

Topographical features	
Slope 0 5 °	Aspect 2 4 0 °
Outcropping% 20-30	Surface Rock % <5
Soil Type sand	Horizon visibility 1.0-2km

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	8	15	30	G	E. globb, Anagallis cost, E. pip compositae Community, E. sieberi E. ralemosa,
Mid	S	1.5	3	40	G	Persoonia levis, Banksia sp Leptochloa, Banksia sp
Lower						
Ground	small shrubs grasses	0.1	0.5	60	G	Leptochloa filiforme, Caustis nervosa Xantho, Cyatho diand Ento strict
Specht Classification						
Mapped vegetation community		Sandstone Gully Peppermint apple forest.				

Habitat Description and comments	
General	
- Dense shrub layer	
- classic ss woodland	
- not burnt for some years	
Fire History: 75+	
Vegetation condition: good	
Tree Age and Regeneration: 20+ years	
Understorey: grassy / sedgy / shrubs	
Introduced species: same as access track - Whiskey grass	
Adjacent land: same	
Disturbances: Roads, Brennan's de Dam	

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.



Vegetation Assessment

Project #: 4200

Observer: NR

Date: 12/7/2006

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: WP 003 APS 5	Easting 2 9 8 2 0 1	Northing 6 2 1 2 7 1 0
Location description: WP 003 - Near to V45 - at base of very large E. racemosa		
Photo numbers:		

Topographical features	
Slope 0 1 °	Aspect 2 1 5 °
Outcropping% 0-5	Surface Rock % 0
Soil Type Sandy	Horizon visibility 1-2km

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	8	15	20	Good	E. racemosa, C. Gummiferi E. Globboidia
Mid	S	1.5	3.0	60 80	Good	Petrophile sessilis Banksia spin, Macleodact
Lower						
Ground	small shrubs grass					curly grass (astelain) Heteromastix siliatolig Pattersonia sericea
Specht Classification						
Mapped vegetation community		Ridgetop woodland.				

Habitat Description and comments	
General Good condition	
- very dense understorey + more open tree canopy as get closer to ridge.	
- no personnel observed.	
Fire History: 7-10 years	
Vegetation condition: Good - excellent	
Tree Age and Regeneration: +10 (some very old scribbly gum)	
Understorey: good - dense Petrophile sessilis,	
Introduced species: -	
Adjacent land: Same	
Disturbances: None	

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.



Observer: *mwR*

Date: 12/7/06.

Topographical features	
Slope 08°	Aspect 160°
Outcropping% <5%	Surface Rock % 5-10%
Soil Type Sandy	Horizon visibility <1km

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	8	15	20%	good	<i>E. glaberrima</i> , <i>C. quinniana</i> <i>E. racemosa</i> / <i>E. globuloides</i>
Mid	S	0.5	2m	40 45	good	<i>Lepto tri</i> , <i>P. lewis</i> <i>P. lewis</i> , <i>Petrophile sessilis</i> <i>Banksia spin</i> , <i>P. pinnatifolia</i>
Lower						
Ground	Small Shrub Grasses	<0.5		20	good	Curly grass, <i>microphyllum</i> <i>microphyllum</i> , <i>Entolasia strict</i> , <i>Pattersonia glabra</i>
Specht Classification						
Mapped vegetation community			Woodland - scrub scribbly gum			

Habitat Description and comments
General Good condition , not burnt for some years .
Fire History: long time since fire
Vegetation condition: good
Tree Age and Regeneration: +10 years - some old trees w/stags /Hollow
Understorey: good
Introduced species: —
Adjacent land: same.
Disturbances: None.

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.



Observer: SFW

Date: 11/7/06

Topographical features	
Slope °	Aspect °
Outcropping%	Surface Rock %
Soil Type	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	10	15	20	G	Euc race, Cory gum, Euc seed seed
Mid	ST	5	8	10	G.	Juvenile Eucs
Lower	shrub	2	3	40	G.	Hake seric, lept trim, Eriost. d. Bank spin, Persoon pinnif, Lamb
Ground	grass herb	0	0.5	15	G.	Coast flex, Xanth med, Boss cord, form
Specht Classification						
Mapped vegetation community			Ridge-top Woodland			

[illegible]

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.

Vegetation Assessment

Project #: 4200

Observer: *B. South NS*

Date: 11/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: <i>V58</i>	Easting 2 2 8 5 8 6	Northing 6 2 1 1 7 6 5
Location description:		
Photo numbers:		

Topographical features	
Slope °	Aspect °
Outcropping%	Surface Rock %
Soil Type	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	Trees	6	12	20 25	6	Euc. sieb, Cory gumr.
Mid	Shrub s. Trees	3	6	30- 1	11	Bank ser, Lept atten (Trinervium)
Lower	Shrubs	0.5	3	30	4	Boss do, Lamb form, Pers. pin Isopogon, Leptomeria acida
Ground	Sedge Herb	0	0.5	10		Potamogeton, Cyathochaeta Homandra cylindrica
Specht Classification						
Mapped vegetation community			Sandstone RTW			

Habitat Description and comments
General
No scribbly gums, Euc satb is dominant
Fire History: Last 5-10
Vegetation condition: Good
Tree Age and Regeneration: -
Understorey: None
Introduced species:
Adjacent land:
Disturbances:

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.



Vegetation Assessment

Project #: 4200

Observer: BS/SW

Date: 12/07/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: V54	Easting 2 9 8 9 8 6	Northing 6 2 1 1 8 5 6
Location description: Woodland with dense understory between easment B coal emplacement		
Photo numbers:		

Topographical features	
Slope °	Aspect °
Outcropping%	Surface Rock %
Soil Type	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	Trees	10	12	15-20	G	Euc. rac., Euc. sub. Long gum.
Mid	Small Trees	3	6	40	"	Bank eric, Bank serr., Leptospermum
Lower	Shrub	1	3	35	"	Isopogon, small B. eric, Persoonia pin Lambertia form.
Ground		0	0.5	10	"	Homalium cylindrica, Lepido. lat. Cyathochaeta dardara
Specht Classification						
Mapped vegetation community						

Habitat Description and comments	
General	
Waypoint 9 - Persoonia hirsuta x 1	
"	10 " " "
"	" "
Fire History: 25ga	
Vegetation condition: Good	
Tree Age and Regeneration: Mature	
Understorey: -Dense sclerophyllous	
Introduced species: nil	
Adjacent land: vegetated - coal emplacement 200-300mt	
Disturbances: -	

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.



Rapid Assess.

Project #: 4200

Observer: NS & BS

Date: 12/07/00

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: <i>VO4</i>	Easting 2 9 7 6 4 6	Northing 6 2 1 2 4 3 4
Location description: <i>Woodland on Rock Shelf (ssk) beside dam</i>		
Photo numbers:		

Topographical features	
Slope °	Aspect °
Outcropping%	Surface Rock %
Soil Type	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	Trees	10	20	20	G	<i>Euc cal</i> , <i>Euc punct</i> , <i>Cory gum</i> <i>Euc sieb</i>
Mid	S. Trees	4	8	10	"	<i>Banks serr</i> , <i>Banks eric</i> <i>Leptosperm</i>
Lower	Shrubs	1	4	20	"	<i>Banks spiro</i> , <i>Leptosperm</i> spp (Exomphalus strictus) <i>Eriost. austr.</i>
Ground	Grass					<i>Themeda austr</i> , <i>Lomandra cylindrica</i>
Specht Classification						
Mapped vegetation community						

Habitat Description and comments
General Open Understorey Way point at Euc. punctata with Koala scrubs
Fire History: 5 ya.
Vegetation condition:
Tree Age and Regeneration:
Understorey:
Introduced species:
Adjacent land:
Disturbances:

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.

Vegetation Assessment

Project #: 4447 - Dend A8-B13 Ridges

Observer: 01/05/07 BJS/NS

Date: 11/14

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: 009	Easting 2 9 7 9 3 8	Northing 6 2 1 1 9 9 3
Location description: Option A - Emplacement Access - Construction road		
Photo numbers: 1 (after matt B. photo's)		

Topographical features	
Slope <u>30°</u>	Aspect <u>E</u>
Outcropping % <u>20</u>	Surface Rock % <u>0</u>
Soil Type <u>JS1</u>	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species			
Upper	Trees	17	20	40	G	<i>Euc. piperita</i> , <i>Euc. oblonga</i> , <i>Corymbia gummifera</i>			
Mid	ST	6	12	15	G	<i>Banksia serrata</i> , <i>Allocas. litt</i> <i>Euc. spp.</i> , <i>Leptos. trin.</i>			
Lower	SH	1	4	25	G	<i>Banks. spin.</i> , <i>Pers. levis</i> , <i>Eriost. aust.</i> <i>Grass. muco</i> , <i>Leptos. trinervium</i>			
Ground	Herbs Grasses	0	1	10	G	<i>Ent. strict</i> , <i>Phytanthus hirtellus</i> <i>Pomax umb.</i> , <i>Meridium etc.</i>			
Specht	FPC: 100-70%			70-30%		30-10%	<10%		
Trees > 30m	Tall closed-forest			Tall open-forest		Tall woodland	Tall open-woodland		
Trees 10 – 30m	Closed-forest			Open-forest		Woodland	Open-woodland		
Trees 5 – 10m	Low closed-forest			Low open-forest		Low woodland	Low open-woodland		
Trees < 5m	V. low closed-forest			V. low open-forest		V. low woodland	V. low open-woodland		
Shrubs > 2m	Closed-scrub			Open-scrub		Tall shrubland	Tall open-shrubland		
Shrubs 0.25 – 2m									
Sclerophyll	Closed Heathland			Heathland		Open heathland	Sparse heathland		
Non-sclerophyll	Low closed-scrub			Low Open-scrub		Low shrubland	Low open-shrubland		
Mapped community		Gully Peppermint Forest							
EECs/Threatened Plants									

[illegible]

5128	Acac longi	4788	Epac pulch	2079	Lyco deute
0053	Acac l.lon	4893	Erio austr	6307	Mars suave
0092	Acac suave	1281	Euca globo	2179	Micr s.sti
0095	Acac termi	5033	Euca haema	2205	Mirb rubii
0098	Acac ulici	5115	Euca piper	2211	Mitr polym
3650	Acti helia	5142	Euca racem	2218	Mono ellip
0857	Acti minor	1318	Euca siebe	2220	Mono scop
0677	Allo litto	1395	Gahn siebe	2232	Muel celas
0206	Ampe x.xip	9391	Gahn spp.	6492	Note longi
9052	Amye spp.	1440	Glei dicar	2436	Pate glabr
0231	Anis avena	5460	Gomp grand	2438	Pate seric
0237	Aotu erico	1482	Gomp latif	2464	Pers levis
2255	Bank e.eri	1490	Gono teucr	2465	Pers linea
2274	Bank p.pal	1494	Good b.bel	6783	Pers m.nec
0366	Bank serra	5573	Grev mucro	6809	Petr pulch
2295	Bank s.spi	5580	Grev oleoi	6810	Petr sessi
0371	Baue rubio	5632	Haem plani	2501	Phyl hirte
4291	Bill s.sca	1562	Hake dacty	4818	Pime l.cae
0404	Blec carti	1571	Hake seric	4819	Pime l.lin
9126	Blec spp.	5664	Hake t.ter	6960	Plat linea
0426	Boro ledif	1596	Hard viola	2395	Podo ilici
0438	Boss heter	1617	Heli elatu	2677	Poma umbel
0439	Boss obcor	5731	Hibb a.asp	7060	Pora erici
2624	Boss scolo	5734	Hibb bract	2683	Pora micro
2696	Brac d.dap	5735	Hibb circu	2777	Pter escul
0557	Cale major	1665	Hibb denta	9750	Pter spp.
0887	Calo dubia	5741	Hibb fasci	7232	Pult ellip
4681	Cass glabe	1675	Hibb ripar	7237	Pult flexi
4680	Cass glabe	5811	Hove linea	2857	Pult linop
3559	Cass pubes	1711	Hyba monop	7258	Pult stipu
0688	Caus flexu	5906	Isop anemo	7292	Rapa varia
3690	Cera apeta	1848	Kenn-rubic	2938	Rici pinif
3773	Chlo stoec	6004	Lamb formo	3023	Scae ramos
3778	Chor cando	6032	Leio diosm	3026	Sche undul
0783	Ciss hypog	1920	Lepi filif	3030	Schi bifid
3886	Cono erici	1923	Lepi later	7444	Schi dicho
3890	Cono tenui	1927	Lepi neesi	3039	Scho apogo
0835	Cory aconi	1930	Lepi uroph	3098	Sela uligi
1288	Cory gummi	1939	Lept acida	7609	Smil glyci
0881	Cryp erect	6077	Lept arach	7722	Styl linea
9269	Cryp spp.	6088	Lept junip	7723	Styl produ
0884	Cryp subul	6105	Lept p.pol	7766	Syno g.gla
0899	Cyat diand	6114	Lept squar	7794	Telo speci
0953	Damp purpu	1950	Lept trine	3348	Tetr junce
0958	Damp stric	6121	Lepy scari	4007	Thel umbel
9299	Dend spp.	6128	Leuc ample	5005	Thel i.ixi
1027	Dian c.cae	1978	Leuc erico	9876	Thel spp.
4398	Dian c.pro	1983	Leuc l.lan	3406	Tode barba
4408	Dian r.rev	2014	Lind linea	7909	Tris colli
4476	Dill flori	2023	Livi austr	8007	Viol siebe
4481	Dill retor	4163	Loma cylin	8061	Wool punge
4558	Dodo camfi	4709	Loma f.cor	8078	Xant media
1093	Dodo triqu	4710	Loma f.fil	3592	Xant pilos
1137	Elae retic	2043	Loma glauc	3594	Xant tride
1155	Empo minus	2046	Loma longi	8089	Xylo pyrif
1161	Ento margi	4711	Loma m.tub	8094	Xyri compl
3790	Ento stric	2048	Loma m.mul	3595	Xyri graci
4785	Epac longi	6192	Loma obliq	8135	Zier pilos
5250	Epac m.mic	6196	Loma silai		



Vegetation Assessment

Project #: 4200 – Westcliff

Observer: NS/SEW

Date: 12/12/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: GPS2 WP010	Easting 299419	Northing 6210075
Location description:		
Photo numbers:		

Topographical features	
Slope	Aspect
Outcropping %	Surface Rock %
Soil Type	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	shrub	3	5	—	G	Burnt-Bank eric, lept polyg, regenerating
Mid						
Lower						
Ground	sedge fern	0	1	40	G	Scheen brev, lepidosp sp Banksia, imp cylind, Aerial-escul, tetra cap, lept trin

Specht	FPC: 100-70%	70-30%	30-10%	<10%
Trees > 30m	Tall closed-forest	Tall open-forest	Tall woodland	Tall open-woodland
Trees 10 – 30m	Closed-forest	Open-forest	Woodland	Open-woodland
Trees 5 – 10m	Low closed-forest	Low open-forest	Low woodland	Low open-woodland
Trees < 5m	V. low closed-forest	V. low open-forest	V. low woodland	V. low open-woodland
Shrubs > 2m	Closed-scrub	Open-scrub	Tall shrubland	Tall open-shrubland
Shrubs 0.25 – 2m				
Sclerophyll	Closed Heathland	Heathland	Open heathland	Sparse heathland
Non-sclerophyll	Low closed-scrub	Low Open-scrub	Low shrubland	Low open-shrubland

Mapped community	Upland Swamp - Banksia thicket
EECs/Threatened Plants	

General Habitat Description and comments
Fire History: < 1 yrs
Disturbance: Grazing, Roads, Powerlines, Erosion, fire,
Adjacent land: Cleared, Residential, Scattered Trees, Uncleared, Riparian vegetation
RESILIENCE (Natural Soil Profile) – (Good), Moderate, Poor, Very Poor/native pasture
RESILIENCE (Disturbed Soil Profile) – Permanently altered, Reveg area, Open space/exotic pasture
Weeds and Weed Density: few to no weeds
Very recently burnt-overstory killed by fire (Banksia eric + lept polyg) w same lept polyg regenerating. lots of eucalypt and regenerating in understorey + lept polyg. Ground layer sparse in places. → Good regeneration after fire

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1923	Lepi later	6792	Pers pinif	choriz
0423	Acac irror	3773	Chlo stoec	1318	Euca siebe	1927	Lepi neesi	6809	Petr pulch	sphae
0489	Acac linif	0755	*Chlo gayan	5187	Euca teret	1930	Lepi uroph	6810	Petr sessi	(round)
5128	Acac longi	0782	*Cirs vulga	3749	Euch invol	1938	Lept tenax	2500	Phyl gunni	cony sp
0056	Acac mearn	0788	Clem arist	1346	Eust latif	1939	Lept acida	2501	Phyl hirte	Flaem sp
0063	Acac myrti	3886	Cono erici	1350	Exoc cupre	1956	Lept conti	2510	*Phyt octan	Thysson
0068	Acac obtus	3887	Cono lang	1353	Exoc stric	1953	Lept emarg	4819	Pime l.lin	sp.
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac	6088	Lept junip	2561	*Plan lance	
0092	Acac suave	3890	Cono tenui	5336	Gahn asper	1958	Lept lanig	2571	Plat erico	
0095	Acac termi	0810	*Cony albid	1387	Gahn clark	6094	Lept morri	6960	Plat linea	
0098	Acac ulici	4370	Corr r.ref	1394	Gahn radul	6098	Lept parvi	2575	Plec parvi	lobelia sp. X
0843	Acro divar	1288	Cory gummi	1404	Gali binif	6105	Lept p.pol	4694	Poa l.lab	
3650	Acti helia	4378	Cras s.sie	5410	Gera s.sol	1950	Lept trine	2395	Podo ilici	
0857	Acti minor	4069	Crot verre	1440	Glei dicar	6121	Lepy scari	7012	Poly calyc	
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	1978	Leuc erico	2655	Poma disco	
5449	Adia h.his	0899	Cyat diand	1455	Glyc cland	1982	Leuc junip	7043	Poma e.ell	
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac	1983	Leuc l.lan	2658	Poma ferru	
0677	Allo litto	0907	Cyno dacty	9417	Gnap spp.	6145	Leuc setig	2673	Poma inter	
5383	Allo torul	0953	Damp purpu	5460	Gomp grand	1995	Leuc virga	2660	Poma lanig	
0206	Ampe x.xip	0958	Damp stric	3748	Gomp incon	2003	*Ligu sinen	4837	Poma p.phy	
4527	*Andr virgi	4246	Darw grand	5461	Gomp minus	2014	Lind linea	2677	Poma umbel	
1345	Ango baker	4270	Davi corym	1486	Gono m.mic	2015	Lind micro	2682	Pora corym	
5389	Ango costa	0995	Davi genis	1489	Gono tetra	6162	Lipa refle	7060	Pora erici	
0231	Anis avena	4429	Davi u.uli	1490	Gono teucr	6168	Liss s.str	7082	Prat purpu	
0237	Aotu erico	4323	Dend speci	1494	Good b.bel	9546	Loma spp.	7121	Pros s.sax	
1589	Aris vagan	4369	Desm rhyti	4543	Good h.hed	4163	Loma cylin	7148	Pseu pimel	
0269	Arth mille	4425	Desm varia	5490	Good h.egl	4709	Loma f.cor	2777	Pter escul	
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	4710	Loma f.fil	7203	Ptil deust	
0305	Astr pinif	4398	Dian c.pro	1514	Good stell	2046	Loma longi	7232	Pult ellip	
1782	Astr latif	4408	Dian r.rev	5525	Grev d.dif	4711	Loma m.tub	2857	Pult linop	
0981	Aust tenui	5797	Dich micra	5567	Grev longi	2048	Loma m.mul	5685	Pult micro	
2156	Back myrti	1036	Dich repen	5573	Grev mucro	6192	Loma obliq	2871	Pult scabr	
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi	2052	Loma myric	7262	Pult villo	
0355	Baec linif	4476	Dill flori	5583	Grev p.par	6196	Loma silai	2883	Pyrp rupes	
2222	Balo graci	4480	Dill phyli	5596	Grev s.ser	6332	Mela decor	2916	Rapa howit	
2255	Bank e.eri	4481	Dill retor	5603	Grev sphac	6334	Mela erube	7354	*Rubu fruit	
0363	Bank margi	5934	Dill rudis	5631	Haem corym	6338	Mela hyper	2956	Rubu parvi	
0269	Bank oblon	4559	Dodo falca	5632	Haem plani	6341	Mela linar	7426	Saro fasti	
0366	Bank serra	4566	Dodo multi	1562	Hake dacty	7288	Mela styph	7431	Scae a.alb	
2285	Bank s.col	1093	Dodo triqu	1571	Hake seric	6345	Mela thymi	3023	Scae ramos	
2295	Bank s.spi	4592	Dodo v.vis	5664	Hake t.ter	6381	Micr erico	3030	Schi bifid	
0371	Baue rubio	1096	Dood asper	1596	Hard viola	2176	Micr hexan	3039	Scho apogo	
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorpi	2179	Micr s.sti	3041	Scho brevi	
4291	Bill s.sca	4616	Drac secun	5731	Hibb a.asp	2181	Micr cilia	3049	Scho melan	
2447	Blec ambig	1109	Dros spatu	5735	Hibb circu	2205	Mirb rubii	3057	Scho turbi	
0404	Blec carti	4675	Echi c.cae	5736	Hibb c.cis	6409	Mirb s.spe	7523	*Sene madag	
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu	2211	Mitr polym	7555	Senn odora	
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp	2218	Mono ellip	3133	*Seta graci	
0426	Boro ledif	1137	Elae retic	5749	Hibb nitid	2220	Mono scopia	7609	Smil glyci	
0436	Boss ensat	1155	Empo minus	5811	Hove linea	2224	Mori jismi	3186	Sola prino	
0438	Boss heter	1161	Ento margi	5830	Hydr pedun	6492	Note longi	3231	Spre incar	
0439	Boss obcor	3790	Ento stric	1741	Hype gram	6495	Note longi	3261	Stic f.flu	
0440	Boss prost	5250	Epac m.mic	1744	*Hype perfo	2282	Note venos	3305	Styl latic	
2624	Boss scolo	4788	Epac pulch	5854	*Hypo radic	6556	Olea micro	7726	Styp l.lae	
2696	Brac d.dap	4791	Epac p.pur	5867	Impe c.maj	6570	Olea visci	7794	Telo speci	
2879	Brun austr	1185	Erag brown	1761	Indi austr	2339	Oper asper	7827	Them austr	
0512	Burc umbel	1187	*Erag curvu	5906	Isop anemo	2340	Oper hispi	3406	Tode barba	
0515	Burs s.spi	4893	Erio austr	5907	Isop aneth	6580	Opli imbec	3421	Tric elati	
4340	Caes p.min	4923	Euca acmen	1814	Junc conti	9652	Opun spp.	7875	Tric simpl	
0557	Cale major	1243	Euca aggro	1845	Junc usita	2386	Oxal peren	3458	Tris lauri	
0562	Call citri	4991	Euca crebr	1846	Junc vagin	9662	Oxal spp.	3496	*Verb bonar	
3236	Call linea	5016	Euca eugen	1847	Kenn prost	6630	Ozot diosm	7975	Vern c.cin	
0567	Call subul	5020	Euca fibro	1848	Kenn rubic	6647	Pand p.pan	3512	Vero plebe	
0887	Calo dubia	1281	Euca globo	1854	Kunz ambig	2408	Pani simil	3523	Vimi junce	
0609	Caly tetra	5033	Euca haema	6004	Lamb formo	2430	*Pasp dilat	8033	Wahl s.str	
4681	Cass glabe	5077	Euca moluc	1873	Lasi f.fer	2436	Pate glabr	8049	West longi	
4680	Cass glabe	5089	Euca oblon	1874	Lasi macro	2438	Pate seric	8061	Wool punge	
3559	Cass pubes	5114	Euca pilul	6013	Lasi parvi	2449	Pell falca	8078	Xant media	
0688	Caus flexu	5115	Euca piper	6014	Lasi rufum	2451	*Penn cland	8079	Xant m.min	
3648	Cent asiat	5138	Euca punct	1889	Laxm graci	6754	Pers bargo	3592	Xant pilos	
3690	Cera apeta	5142	Euca racem	1917	Lepi conca	6768	Pers lance	3594	Xant tride	
3692	Cera gummi	5148	Euca r.res	1920	Lepi filif	2464	Pers levis	8089	Xylo pyrif	
0724	*Cest parqu	5164	Euca scler	1921	Lepi forsy	2465	Pers linea	3605	Zier smith	



Vegetation Assessment

Project #: 4200

Observer: SEW

Date: 11/7/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: 002 (AP55)	Easting 0298385	Northing 6211996
Location description: Swamp/improved drainage downslope of road		
Photo numbers:		

Topographical features	
Slope °	Aspect °
Outcropping%	Surface Rock %
Soil Type	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	\$					
Mid						
Lower	shrub	0.5	1.5	20	G.	Bank eric, Bank polud, Dillw mlt, Erioph pulch, lept squar
Ground	scops	0	0.5	80	G.	Schoen brev, Haerrod sps, lept scov, lept lawn lawn
Specht Classification						
Mapped vegetation community		Banksia Thicket				

Habitat Description and comments
General
small area down slope of road for pipeline upside of Eriophora etc.
surrounded by Gully Forest (Euc piperita dominant)
Fire History:
Vegetation condition:
Tree Age and Regeneration:
Understorey:
Introduced species:
Adjacent land:
Disturbances:

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.



Vegetation Assessment

Project #: 4200

Observer: MR

Date: 12/7/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: WP 4 APS 5	Easting 2 9 8 2 9 3	Northing 6 2 1 2 7 0 7
Location description: Btwn rd 144 + 145		
Photo numbers:		

Topographical features	
Slope 0 5 °	Aspect 1 5 0 °
Outcropping% None	Surface Rock % 0
Soil Type sandy	Horizon visibility up to 2km

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	—					
Mid	shrub	0.5	3.0m	70%	Good	Hakea teret, Hakea sericea, Acacia Leptodermis continentalis, Eucalyptus Eucalyptus micra, Persoonia oblonga
Lower						
Ground	grass/ sedge	0.1	0.5	90%	Good	Bauhinia, Ligustrum - Entolasia (small), Pteridium
Specht Classification						
Mapped vegetation community Swamp - Hakea thicket Bia						

Habitat Description and comments	
General Good condition - small swamp perched @ headwater of valley	
- integrates + w woodland	
- no trees	
- very dense shrub layer - some open grassy patches	
- ground cover - dense - typical Swamp	
Fire History: + 10 years	
Vegetation condition: good	
Tree Age and Regeneration: —	
Understorey: dense	
Introduced species: —	
Adjacent land: woodland	
Disturbances: None	

0178	Acac biner	4681	Cass glabe	1394	Gahn radul
5917	Acac elong	4680	Cass glabe	5460	Gomp grand
0414	Acac hispi	3559	Cass pubes	1489	Gono tetra
0045	Acac imple	0688	Caus flexu	5567	Grev longi
0489	Acac linif	3648	Cent asiat	5580	Grev oleoi
5128	Acac longi	3692	Cera gummi	5583	Grev p.par
0063	Acac myrti	0733	Chei s.sie	5596	Grev s.ser
0550	Acac parra	3773	Chlo stoec	1562	Hake dacty
0091	Acac stric	0755	*Chlo gayan	5664	Hake t.ter
0092	Acac suave	3886	Cono erici	5731	Hibb a.asp
0095	Acac termi	3887	Cono l.ang	5736	Hibb c.cis
0098	Acac ulici	3890	Cono tenui	5811	Hove linea
3650	Acti helia	1288	Cory gummi	5867	Impe c.maj
0857	Acti minor	4069	Crot verre	5907	Isop aneth
0677	Allo litto	9269	Cryp spp.	1845	Junc usita
1151	Alph excel	0899	Cyat diand	1848	Kenn rubic
0206	Ampe x.xip	0953	Damp purpu	1854	Kunz ambig
9052	Amye spp.	0958	Damp stric	6004	Lamb formo
4527	*Andr virgi	4246	Darw grand	1873	Lasi f.fer
5389	Ango costa	4429	Davi u.uli	1923	Lepi later
0230	Ango flori	1027	Dian c.cae	1939	Lept acida
0231	Anis avena	4398	Dian c.pro	6088	Lept junip
0237	Aotu erico	1036	Dich repen	6105	Lept p.pol
1589	Aris vagan	4476	Dill flori	6121	Lepy scari
0305	Astr pinif	4481	Dill retor	1982	Leuc junip
0981	Aust tenui	1093	Dodo triqu	2014	Lind linea
2069	Aust pubes	4592	Dodo v.vis	4710	Loma f.fil
9102	Aust spp.	1096	Dood asper	2046	Loma longi
2186	Baec imbri	1097	Dood cauda	2048	Loma m.mul
2222	Balo graci	4616	Drac secun	6192	Loma obliq
2255	Bank e.eri	1109	Dros spatu	6196	Loma silai
0363	Bank margi	1132	Eina hasta	6341	Mela linar
2269	Bank oblon	1161	Ento margi	2179	Micr s.sti
0366	Bank serra	3790	Ento stric	6768	Pers lance
2285	Bank s.col	5250	Epac m.mic	2464	Pers levis
0371	Baue rubio	4788	Epac pulch	6792	Pers pinif
0377	Baum junce	1185	Erag brown	6810	Petr sessi
0379	Baum rubig	4893	Erio austr	4819	Pime l.lin
2320	Baum teret	4923	Euca acmen	6960	Plat linea
4291	Bill s.sca	1243	Euca agglo	4694	Poa l.lab
9126	Blec spp.	4991	Euca crebr	7043	Poma e.ell
0436	Boss ensat	1281	Euca globo	2658	Poma ferru
0438	Boss heter	5033	Euca haema	2660	Poma lanig
0439	Boss obcor	5114	Euca pilul	5685	Pult micro
0515	Burs s.spi	5115	Euca piper	3049	Scho melan
4340	Caes p.min	5138	Euca punct	7555	Senn odora
0557	Cale major	5142	Euca racem	9855	Styl spp.
0562	Call citri	1318	Euca siebe	3496	*Verb bonar
0567	Call subul	5187	Euca teret	8049	West longi
0609	Caly tetra	1353	Exoc stric	9928	Xant spp.



Vegetation Assessment

Project #: 4200 – Westcliff

Observer: NS + SEW

Date: 13/12/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: 011	Easting 297819	Northing 6212042
Location description: Swamp adjacent to northern easement		
Photo numbers:		

Topographical features	
Slope 3°	Aspect EAST
Outcropping % -	Surface Rock % -
Soil Type SAND	Horizon visibility 100m

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	5		10	NEGLIG.	C	Scattered + fringing Euc. oblong + C. gum.
Mid						
Lower	Sh.	1	3	<5%	C	Lept. trin, Isopog., Hakea, Eriostema, Banksia, Ac. lin.
Ground	Sedges Herbs Shrubs	0	0.5	60%	C	Callitrix tetra, Lepto. contin., Anisop., Gyntheria, Hemig. purp.
Specht		FPC: 100-70%		70-30%		30-10%
Trees > 30m		Tall closed-forest		Tall open-forest		Tall woodland
Trees 10 – 30m		Closed-forest		Open-forest		Woodland
Trees 5 – 10m		Low closed-forest		Low open-forest		Low woodland
Trees < 5m		V. low closed-forest		V. low open-forest		V. low woodland
Shrubs > 2m		Closed-scrub		Open-scrub		Tall shrubland
Shrubs 0.25 – 2m						
Sclerophyll		Closed Heathland		Heathland		Open heathland
Non-sclerophyll		Low closed-scrub		Low Open-scrub		Low shrubland
Mapped community		Upland Swamp (Fringing woodland - herbfield)				
EECs/Threatened Plants						

Does not correspond with mapping veg description

General Habitat Description and comments	
Fire History:	< 5 years
Disturbance:	Grazing, Roads, Powerlines, Erosion. (Fire)
Adjacent land:	Cleared, Residential, Scattered Trees, Uncleared, Riparian vegetation, Woodland, Roads, Easement
RESILIENCE (Natural Soil Profile)	(Good) Moderate, Poor, Very Poor/native pasture
RESILIENCE (Disturbed Soil Profile)	Permanently altered, Reveg area, Open space/exotic pasture
Weeds and Weed Density:	NONE
- Low open swamp dominated by Callitrix + other small herbs, shrubs.	
- Minimal leaf litter.	

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1923	Lepi later	6792	Pers pinif
0423	Acac irror	3773	Chlo stoec	1318	Euca siebe	1927	Lepi neesi	6809	Petr pulch
0489	Acac linif	0755	*Chlo gayan	5187	Euca teret	1930	Lepi uroph	6810	Petr sessi
5128	Acac longi	0782	*Cirs vulga	3749	Euch invol	1938	Lept tenax	2500	Phyl gunni
0056	Acac mearn	0788	Clem arist	1346	Eust latif	1939	Lept acida	2501	Phyl hirte
0063	Acac myrti	3886	Cono erici	1350	Exoc cupre	1956	Lept conti	2510	*Phyt octan
0068	Acac obtus	3887	Cono l.ang	1353	Exoc stric	1953	Lept emarg	4819	Pime l.lin
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac	6088	Lept junip	2561	*Plan lance
0092	Acac suave	3890	Cono tenui	5336	Gahn asper	1958	Lept lanig	2571	Plat erico
0095	Acac termi	0810	*Cony albid	1387	Gahn clark	6094	Lept morri	6960	Plat linea
0098	Acac ulici	4370	Corr r.ref	1394	Gahn radul	6098	Lept parvi	2575	Plec parvi
0843	Acro divar	1288	Cory gummi	1404	Gali binif	6105	Lept p.pol	4694	Poa l.lab
3650	Acti helia	4378	Cras s.sie	5410	Gera s.sol	1950	Lept trine	2395	Podo ilici
0857	Acti minor	4069	Crot verre	1440	Glei dicar	6121	Lepy scari	7012	Poly calyc
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	1978	Leuc erico	2655	Poma disco
5449	Adia h.his	0899	Cyat diand	1455	Glyc cland	1982	Leuc junip	7043	Poma e.ell
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac	1983	Leuc l.lan	2658	Poma ferru
0677	Allo litto	0907	Cyno dacty	9417	Gnap spp.	6145	Leuc setig	2673	Poma inter
5383	Allo torul	0953	Damp purpu	5460	Gomp grand	1995	Leuc virga	2660	Poma lanig
0206	Ampe x.xip	0958	Damp stric	3748	Gomp incon	2003	*Ligu sinen	4837	Poma p.phy
4527	*Andr virgi	4246	Darw grand	5461	Gomp minus	2014	Lind linea	2677	Poma umbel
1345	Ango baker	4270	Davi corym	1486	Gono m.mic	2015	Lind micro	2682	Pora corym
5389	Ango costa	0995	Davi genis	1489	Gono tetra	6162	Lipa refle	7060	Pora erici
0231	Anis avena	4429	Davi u.uli	1490	Gono teucr	6168	Liss s.str	7082	Prat purpu
0237	Aotu erico	4323	Dend speci	1494	Good b.bel	9546	Loga spp.	7121	Pros s.sax
1589	Aris vagan	4369	Desm rhyti	4543	Good h.hed	4163	Loma cylin	7148	Pseu pimel
0269	Arth mille	4425	Desm varia	5490	Good h.egl	4709	Loma f.cor	2777	Pter escul
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	4710	Loma f.fil	7203	Ptil deust
0305	Astr pinif	4398	Dian c.pro	1514	Good stell	2046	Loma longi	7232	Pult ellip
1782	Astr latif	4408	Dian r.rev	5525	Grev d.dif	4711	Loma m.tub	2857	Pult linop
0981	Aust tenui	5797	Dich micra	5567	Grev longi	2048	Loma m.mul	5685	Pult micro
2156	Back myrti	1036	Dich repen	5573	Grev mucro	6192	Loma obliq	2871	Pult scabr
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi	2052	Loma myric	7262	Pult villo
0355	Baec linif	4476	Dill flori	5583	Grev p.par	6196	Loma silai	2883	Pyrr rupes
2222	Balo graci	4480	Dill phyli	5596	Grev s.ser	6332	Mela decor	2916	Rapa howit
0255	Bank e.eri	4481	Dill retor	5603	Grev sphac	6334	Mela erube	7354	*Rubu fruit
0363	Bank margi	5934	Dill rudis	5631	Haem corym	6338	Mela hyper	2956	Rubu parvi
2269	Bank oblon	4559	Dodo falca	5632	Haem plani	6341	Mela linar	7426	Saro fasti
0366	Bank serra	4566	Dodo multi	1562	Hake dacty	7288	Mela styph	7431	Scae a.alb
2285	Bank s.col	1093	Dodo triqu	1571	Hake seric	6345	Mela thymi	3023	Scae ramos
2295	Bank s.spi	4592	Dodo v.vis	5664	Hake t.ter	6381	Micr erico	3030	Schi bifid
0371	Baue rubio	1096	Dood asper	1596	Hard viola	2176	Micr hexan	3039	Scho apogo
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorpi	2179	Micr s.sti	3041	Scho brevi
4291	Bill s.sca	4616	Drac secun	5731	Hibb a.asp	2181	Micr cilia	3049	Scho melan
2447	Blec ambig	1109	Dros spatu	5735	Hibb circu	2205	Mirb rubii	3057	Scho turbi
0404	Blec carti	4675	Echi c.cae	5736	Hibb c.cis	6409	Mirb s.spe	7523	*Sene madag
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu	2211	Mitr polym	7555	Senn odora
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp	2218	Mono ellip	3133	*Seta graci
0426	Boro ledif	1137	Elae retic	5749	Hibb nitid	2220	Mono scopi	7609	Smil glyci
0436	Boss ensat	1155	Empo minus	5811	Hove linea	2224	Mori jasmi	3186	Sola prino
0438	Boss heter	1161	Ento margi	5830	Hydr pedun	6492	Note longi	3231	Spre incar
0439	Boss obcor	3790	Ento stric	1741	Hype grami	6495	Note longi	3261	Stic f.flu
0440	Boss prost	5250	Epac m.mic	1744	*Hype perfo	2282	Note venos	3305	Styl latic
2624	Boss scolo	4788	Epac pulch	5854	*Hypo radic	6556	Olea micro	7726	Styp l.lae
2696	Brac d.dap	4791	Epac p.pur	5867	Impe c.maj	6570	Olea visci	7794	Telo speci
2879	Brun austr	1185	Erag brown	1761	Indi austr	2339	Oper asper	7827	Them austr
0512	Burc umbel	1187	*Erag curvu	5906	Isop anemo	2340	Oper hispi	3406	Tode barba
0515	Burs s.spini	4893	Erio austr	5907	Isop aneth	6580	Opli imbec	3421	Tric elati
4340	Caes p.min	4923	Euca acmen	1814	Junc conti	9652	Opun spp.	7875	Tric simpl
0557	Cale major	1243	Euca agglu	1845	Junc usita	2386	Oxal peren	3458	Tris lauri
0562	Call citri	4991	Euca crebr	1846	Junc vagin	9662	Oxal spp.	3496	*Verb bonar
3236	Call linea	5016	Euca eugen	1847	Kenn prost	6630	Ozot diosm	7975	Vern c.cin
0567	Call subul	5020	Euca fibro	1848	Kenn rubic	6647	Pand p.pan	3512	Vero plebe
0887	Calo dubia	1281	Euca globo	1854	Kunz ambig	2408	Pani simil	3523	Vimi junce
0609	Caly tetra	5033	Euca haema	6004	Lamb formo	2430	*Pasp dilat	8033	Wahl s.str
4681	Cass glabe	5077	Euca moluc	1873	Lasi f.fer	2436	Pate glabr	8049	West longi
4680	Cass glabe	5089	Euca oblon	1874	Lasi macro	2438	Pate seric	8061	Wool punge
3559	Cass pubes	5114	Euca pilul	6013	Lasi parvi	2449	Pell falca	8078	Xant media
0688	Caus flexu	5115	Euca piper	6014	Lasi rufum	2451	*Penn cland	8079	Xant m.min
3648	Cent asiat	5138	Euca punct	1889	Laxm graci	6754	Pers bargo	3592	Xant pilos
3690	Cera apeta	5142	Euca racem	1917	Lepi conca	6768	Pers lance	3594	Xant tride
3692	Cera gummi	5148	Euca r.res	1920	Lepi filif	2464	Pers levis	8089	Xylo pyrif
0724	*Cest parqu	5164	Euca scler	1921	Lepi forsy	2465	Pers linea	3605	Zier smith

H.bb. nip. Lepi. cont. Lally. tetra. Styl. proal. Tetraia cap.?



Vegetation Assessment

Project #: 4200 – Westcliff

Observer: SEW/NS

Date: 13/12/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: 031	Easting 300102	Northing 6211285
Location description: Dharwal state conservation area, east of westcliff.		
Photo numbers:		

Topographical features	
Slope 0	Aspect
Outcropping % 0	Surface Rock % 0
Soil Type	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	8	10	<5	G	Euc race, Cory gum, scattered on edges
Mid						
Lower	shrub	1	3	15	G	Bank oblong, flake doct, Petrop sess, isop aren, Bank eric
Ground	sedge herb	0	0.5	70	G	Cyatho diand, Pult arist, Azino minor, lepy scar, lept tenay
Specht		FPC: 100-70%		70-30%		30-10%
Trees > 30m		Tall closed-forest		Tall open-forest		Tall woodland
Trees 10 – 30m		Closed-forest		Open-forest		Woodland
Trees 5 – 10m		Low closed-forest		Low open-forest		Low woodland
Trees < 5m		V. low closed-forest		V. low open-forest		V. low woodland
Shrubs > 2m		Closed-scrub		Open-scrub		Tall shrubland
Shrubs 0.25 – 2m						
Sclerophyll		Closed Heathland		Heathland		Open heathland
Non-sclerophyll		Low closed-scrub		Low Open-scrub		Low shrubland
Mapped community		Upland Swamp – restio heath				
EECs/Threatened Plants		Pultanea aristata				

General Habitat Description and comments
Fire History: < 5 yrs
Disturbance: Grazing, Roads, Powerlines, Erosion, fire
Adjacent land: Cleared, Residential, Scattered Trees, Uncleared, Riparian vegetation
RESILIENCE (Natural Soil Profile) – Good, Moderate, Poor, Very Poor/native pasture
RESILIENCE (Disturbed Soil Profile) – Permanently altered, Reveg area, Open space/exotic pasture
Weeds and Weed Density: No weeds.
Pulteneia aristata habitat – upland swamp.

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1923	Lepi later	6792	Pers pinif
0423	Acac irror	3773	Chlo stoec	1318	Euca siebe	1927	Lepi neesi	6809	Petr pulch
0489	Acac linif	0755	*Chlo gayan	5187	Euca teret	1930	Lepi uroph	6810	Petr sessi
5128	Acac longi	0782	*Cirs vulga	3749	Euch invol	1938	Lept tenax	2500	Phyl gunni
0056	Acac mearn	0788	Clem arist	1346	Eust latif	1939	Lept acida	2501	Phyl hirte
0063	Acac myrti	3886	Cono erici	1350	Exoc cupre	1956	Lept conti	2510	*Phyt octan
0068	Acac obtus	3887	Cono l.ang	1353	Exoc stric	1953	Lept emarg	4819	Pime l.lin
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac	6088	Lept junip	2561	*Plan lance
0092	Acac suave	3890	Cono tenui	5336	Gahn asper	1958	Lept lanig	2571	Plat erico
0095	Acac termi	0810	*Cony albid	1387	Gahn clark	6094	Lept morri	6960	Plat linea
0098	Acac ulici	4370	Corr r.ref	1394	Gahn radul	6098	Lept parvi	2575	Plec parvi
0843	Acro divar	1288	Cory gummi	1404	Gali binif	6105	Lept p.pol	4694	Poa l.lab
3650	Acti helia	4378	Cras s.sie	5410	Gera s.sol	1950	Lept trine	2395	Podo ilici
0857	Acti minor	4069	Crot verre	1440	Glei dicar	6121	Lepy scari	7012	Poly calyc
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	1978	Leuc erico	2655	Poma disco
5449	Adia h.his	0899	Cyat diand	1455	Glyc cland	1982	Leuc junip	7043	Poma e.ell
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac	1983	Leuc l.lan	2658	Poma ferru
0677	Allo litto	0907	Cyno dacty	9417	Gnap spp.	6145	Leuc setig	2673	Poma inter
5383	Allo torul	0953	Damp purpu	5460	Gomp grand	1995	Leuc virga	2660	Poma lanig
0206	Ampe x.xip	0958	Damp stric	3748	Gomp incon	2003	*Ligu sinen	4837	Poma p.phy
4527	*Andr virgi	4246	Darw grand	5461	Gomp minus	2014	Lind linea	2677	Poma umbel
1345	Ango baker	4270	Davi corym	1486	Gono m.mic	2015	Lind micro	2682	Pora corym
5389	Ango costa	0995	Davi genis	1489	Gono tetra	6162	Lipa refle	7060	Pora erici
0231	Anis avena	4429	Davi u.uli	1490	Gono teucr	6168	Liss s.str	7082	Prat purpu
0237	Aotu erico	4323	Dend speci	1494	Good b.bel	9546	Loga spp.	7121	Pros s.sax
1589	Aris vagan	4369	Desm rhyti	4543	Good h.hed	4163	Loma cylin	7148	Pseu pimel
0269	Arth mille	4425	Desm varia	5490	Good h.egl	4709	Loma f.cor	2777	Pter escul
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	4710	Loma f.fil	7203	Ptil deust
0305	Astr pinif	4398	Dian c.pro	1514	Good stell	2046	Loma longi	7232	Pult ellip
1782	Astr latif	4408	Dian r.rev	5525	Grev d.dif	4711	Loma m.tub	2857	Pult linop
0981	Aust tenui	5797	Dich micra	5567	Grev longi	2048	Loma m.mul	5685	Pult micro
2156	Back myrti	1036	Dich repen	5573	Grev mucro	6192	Loma obliq	2871	Pult scabr
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi	2052	Loma myric	7262	Pult villo
0355	Baec linif	4476	Dill flori	5583	Grev p.par	6196	Loma silai	2883	Pyrr rupes
2222	Balo graci	4480	Dill phyli	5596	Grev s.ser	6332	Mela decor	2916	Rapa howit
2255	Bank e.eri	4481	Dill retor	5603	Grev sphac	6334	Mela erube	7354	*Rubu fruit
0363	Bank margi	5934	Dill rudis	5631	Haem corym	6338	Mela hyper	2956	Rubu parvi
2269	Bank oblon	4559	Dodo falca	5632	Haem plani	6341	Mela linar	7426	Saro fasti
0366	Bank serra	4566	Dodo multi	1562	Hake dacty	7288	Mela styph	7431	Scae a.alb
2285	Bank s.col	1093	Dodo triqu	1571	Hake seric	6345	Mela thymi	3023	Scae ramos
2295	Bank s.spi	4592	Dodo v.vis	5664	Hake t.ter	6381	Micr erico	3030	Schi bifid
0371	Baue rubio	1096	Dood asper	1596	Hard viola	2176	Micr hexan	3039	Scho apogo
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorp	2179	Micr s.sti	3041	Scho brevi
4291	Bill s.sca	4616	Drac secun	5731	Hibb a.asp	2181	Micr cilia	3049	Scho melan
2447	Blec ambig	1109	Dros spatu	5735	Hibb circu	2205	Mirb rubii	3057	Scho turbi
0404	Blec carti	4675	Echi c.cae	5736	Hibb c.cis	6409	Mirb s.spe	7523	*Sene madag
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu	2211	Mitr polym	7555	Senn odora
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp	2218	Mono ellip	3133	*Seta graci
0426	Boro ledif	1137	Elae retic	5749	Hibb nitid	2220	Mono scopu	7609	Smil glyci
0436	Boss ensat	1155	Empo minus	5811	Hove linea	2224	Mori jasmi	3186	Sola prino
0438	Boss heter	1161	Ento margi	5830	Hydr pedun	6492	Note longi	3231	Spre incar
0439	Boss obcor	3790	Ento stric	1741	Hype gram	6495	Note longi	3261	Stic f.fla
0440	Boss prost	5250	Epac m.mic	1744	*Hype perfo	2282	Note venos	3305	Styl latic
2624	Boss scolo	4788	Epac pulch	5854	*Hypo radic	6556	Olea micro	7726	Styp l.lae
2696	Brac d.dap	4791	Epac p.pur	5867	Impe c.maj	6570	Olea visci	7794	Telo speci
2879	Brun austr	1185	Erag brown	1761	Indi austr	2339	Oper asper	7827	Them austr
0512	Burc umbel	1187	*Erag curvu	5906	Isop anemo	2340	Oper hispi	3406	Tode barba
0515	Burs s.spi	4893	Erio austr	5907	Isop aneth	6580	Opli imbec	3421	Tric elati
4340	Caes p.min	4923	Euca acmen	1814	Junc conti	9652	Opun spp.	7875	Tric simpl
0557	Cale major	1243	Euca agglo	1845	Junc usita	2386	Oxal peren	3458	Tris lauri
0562	Call citri	4991	Euca crebr	1846	Junc vagin	9662	Oxal spp.	3496	*Verb bonar
3236	Call linea	5016	Euca eugen	1847	Kenn prost	6630	Ozot diosm	7975	Vern c.cin
0567	Call subul	5020	Euca fibro	1848	Kenn rubic	6647	Pand p.pan	3512	Vero plebe
0887	Calo dubia	1281	Euca globo	1854	Kunz ambig	2408	Pani simil	3523	Vimi junce
0609	Caly tetra	5033	Euca haema	6004	Lamb formo	2430	*Pasp dilat	8033	Wahl s.str
4681	Cass glabe	5077	Euca moluc	1873	Lasi f.fer	2436	Pate glabr	8049	West longi
4680	Cass glabe	5089	Euca oblon	1874	Lasi macro	2438	Pate seric	8061	Wool punge
3559	Cass pubes	5114	Euca pilul	6013	Lasi parvi	2449	Pell falca	8078	Xant media
0688	Caus flexu	5115	Euca piper	6014	Lasi rufum	2451	*Penn cland	8079	Xant m.min
3648	Cent asiat	5138	Euca punct	1889	Laxm graci	6754	Pers bargo	3592	Xant pilos
3690	Cera apeta	5142	Euca racem	1917	Lepi conca	6768	Pers lance	3594	Xant tride
3692	Cera gummi	5148	Euca r.res	1920	Lepi filif	2464	Pers levis	8089	Xylo pyrif
0724	*Cest parqu	5164	Euca scler	1921	Lepi forsy	2465	Pers linea	3605	Zier smith



Observer: BUS NS

Date: 04/02/07

Location	Note: Easting and Northing is Mandatory for FIS									
Waypoint:	Easting					Northing				
Location description:										
Photo numbers:										

Topographical features	
Slope °	Aspect °
Outcropping%	Surface Rock %
Soil Type	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper						
Mid						
Lower						
Ground						
Specht Classification						
Mapped vegetation community						

Habitat Description and comments
General
WP 59 - P. aristata x 20 plants ~ WP 60 - Edge w' workings 9/02/07 - Stage 2
Fire History:
Vegetation condition:
Tree Age and Regeneration:
Introduced species:
Adjacent land:
Disturbances:



BIOSIS
RESEARCH

Vegetation Assessment

Project #:

Observer: *BSBNS*

Date: *09/02/07*

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: <i>GP9 - WP61</i>	Easting 2 9 9 9 2 9	Northing 6 2 0 9 4 6 6
Location description: <i>Opposite Westgate Access 3rd Appin Rd.</i>		
Photo numbers: <i>—</i>		

Topographical features	
Slope 3 °	Aspect North-West
Outcropping% <i>—</i>	Surface Rock % <i>—</i>
Soil Type <i>Sandy loam, laterite</i>	Horizon visibility <i>—</i>

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	<i>Trees</i>	<i>6</i>	<i>10</i>	<i>20</i>	<i>M-L</i>	<i>Eucalyptus, Euc. gum.</i>
Mid						
Lower	<i>Shrubs</i>	<i>1</i>	<i>4</i>	<i>10</i>	<i>M-L</i>	<i>Leptospermum, Banksia, Lantana, Lantana, Lantana</i>
Ground	<i>Herbs</i>	<i>0</i>	<i>1</i>			<i>Impatiens, Anemone, Lantana, Lantana</i>
Specht Classification						
Mapped vegetation community <i>ESSW</i>						

Habitat Description and comments
General
<i>WP61 - Acacia hypoleuca</i>
<i>WP62 - 302059, 62091367 - Acacia hypoleuca on debris mound of Hill</i>
<i>Acacia hypoleuca WP63, 299757, 6299600 - 1 plant</i>
<i>WP64 299748, 6209522 A. hyp. III III III</i>
<i>WP65 299725, 6209631 A. hyp. III III III III III</i>
<i>III III III III III III → + 500 more than can be counted to WP65</i>
<i>299643 - 6209684. * WP67, 299579 6209734 - 1x A. hyp.</i>
Fire History: <i>254a. SEE Over page.</i>
Vegetation condition: <i>Moderate to good, pre-fire regrowth & soil disturbance</i>
Tree Age and Regeneration: <i>- Acacia hypoleuca</i>
Introduced species: <i>Eragrostis curvula, Acacia baileyana</i>
Adjacent land: <i>Calamagrostis, 3rd Appin Rd</i>
Disturbances: <i>Trucks, fire, Rubbish dumping</i>

WP 68, *Ac. hyn.* 299699, 6209684 part of same population
at WP 67 on other side of road. 500 to WP 68-69



Vegetation Assessment

Project #: 4200 – Westcliff

Observer: NS & BS

Date: 28/11/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: 9	Easting 2 9 8 7 3 0	Northing 6 2 1 1 2 1 8
Location description: Ridge west of Upper Dam.		
Photo numbers: 100-0009		

Topographical features	
Slope 5°	Aspect East
Outcropping % 15	Surface Rock % 10-15
Soil Type Sandy	Horizon visibility 50m.

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	Trees	8	10	30	G	Euc. sieb., Euc. oblon., Cory. gum
Mid	Small Trees	5	6	25	G	Lepta. trin., Euc. spp., Bank. serr.
Lower	Shrubs	1	3	10	G	Lepta. trin., Leptomena, Dillwynia, Lamb. erbu.
Ground	Sedges Grasses	0	0.5	20	G	Cyathochaeta, Boss. bet., Caustis Aca hem. spp.

Specht	FPC: 100-70%	70-30%	30-10%	<10%
Trees > 30m	Tall closed-forest	Tall open-forest	Tall woodland	Tall open-woodland
Trees 10 – 30m	Closed-forest	Open-forest	Woodland	Open-woodland
Trees 5 – 10m	Low closed-forest	Low open-forest	Low woodland	Low open-woodland
Trees < 5m	V. low closed-forest	V. low open-forest	V. low woodland	V. low open-woodland
Shrubs > 2m	Closed-scrub	Open-scrub	Tall shrubland	Tall open-shrubland
Shrubs 0.25 – 2m				
Sclerophyll	Closed Heathland	Heathland	Open heathland	Sparse heathland
Non-sclerophyll	Low closed-scrub	Low Open-scrub	Low shrubland	Low open-shrubland

Mapped community	Exposed SG woodland.
EECs/Threatened Plants	Persea hirsuta.

General Habitat Description and comments
Fire History: > 5y
Disturbance: Grazing, Roads, Powerlines, Erosion. Nil
Ajacent land: Cleared, Residential, Scattered Trees, Uncleared, Riparian vegetation Trail & Mine
RESILIENCE (Natural Soil Profile) – Good, Moderate, Poor, Very Poor/native pasture
RESILIENCE (Disturbed Soil Profile) – Permanently altered, Reveg area, Open space/exotic pasture
Weeds and Weed Density: Nil
2 Phacelia within quadrat.

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1923	Lepi later	(6792)	Pers pinif 3
0423	Acac irror	3773	Chlo stoea	(1318)	Euca siebe 4	1927	Lepi neesi	6809	Petr pulch
0489	Acac linif	0755	*Chlo gayan	5187	Euca teret	1930	Lepi uroph	(6810)	Petr sessi 2
5128	Acac longi	0782	*Cirs vulga	3749	Euch invol	1938	Lept tenax	2500	Phyl gunni
0056	Acac mearn	0788	Clem arist	1346	Eust latif	(1939)	Lept acida 4	2501	Phyl hirte
0063	Acac myrti	3886	Cono erici	1350	Exoc cupre	1956	Lept conti	2510	*Phyt octan
0068	Acac obtus	(3887)	Cono l.ang 2	1353	Exoc stric	1953	Lept emarg	4819	Pime l.lin
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac	6088	Lept junip	2561	*Plan lance
0092	Acac suave	3890	Cono tenui	5336	Gahn asper	1958	Lept lanig	2571	Plat erico
(0095)	Acac termi 1	0810	*Cony albid	1387	Gahn clark	6094	Lept morri	(6960)	Plat linea 3
0098	Acac ulici	4370	Corr r.ref	1394	Gahn radul	6098	Lept parvi	2575	Plec parvi
0843	Acro divar	(1288)	Cory gummi 4	1404	Gali binif	6105	Lept p.pol	4694	Poa l.lab
3650	Acti helia	4378	Cras s.sie	5410	Gera s.sol	(1950)	Lept trine 5	2395	Podo ilici
(0857)	Acti minor 3	4069	Crot verre	1440	Glei dicar	6121	Lepy scari	7012	Poly calyc
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	1978	Leuc erico	2655	Poma disco
5449	Adia h.his	(0899)	Cyat diand 3	1455	Glyc claud	1982	Leuc junip	7043	Poma e.ell
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac	1983	Leuc l.lan	2658	Poma ferru
(0677)	Allo litto 2	0907	Cyno dacty	9417	Gnap spp.	6145	Leuc setig	2673	Poma inter
5383	Allo torul	0953	Damp purpu	(5466)	Gomp grand 3	1995	Leuc virga	2660	Poma lanig
0206	Ampe x.xip	0958	Damp stric	3748	Gomp incon	2003	*Ligu sinen	4837	Poma p.phy
4527	*Andr virgi	4246	Darw grand	5461	Gomp minus	2014	Lind linea	(2677)	Poma umbel 1
1345	Ango baker	4270	Davi corym	1486	Gono m.mic	2015	Lind micro	2682	Pora corym
5389	Ango costa	0995	Davi genis	1489	Gono tetra	6162	Lipa refle	7060	Pora erici
0231	Anis avena	4429	Davi u.uli	1490	Gono teucr	6168	Liss s.str	7082	Prat purpu
0237	Aotu erico	4323	Dend speci	1494	Good b.bel	9546	Loga spp.	7121	Pros s.sax
1589	Aris vagan	4369	Desm rhyti	4543	Good h.hed	(4163)	Loma cylin 2	7148	Pseu pimel
0269	Arth mille	4425	Desm varia	5490	Good h.egl	4709	Loma f.cor	(2777)	Pter escul 1
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	(4710)	Loma f.fil 3	7203	Ptil deust
0305	Astr pinif	4398	Dian c.pro	1514	Good stell	2046	Loma longi	7232	Pult ellip
1782	Astr latif	4408	Dian r.rev	(5528)	Grev d.dif 3	4711	Loma m.tub	2857	Pult linop
0981	Aust tenui	5797	Dich micra	5567	Grev longi	2048	Loma m.mul	5685	Pult micro
2156	Back myrti	1036	Dich repen	(5573)	Grev mucro 2	(6192)	Loma obliq 3	2871	Pult scabr
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi	2052	Loma myric	7262	Pult villo
0355	Baec linif	4476	Dill flori	5583	Grev p.par	(6196)	Loma silai 1	2883	Pyrr rupes
2222	Balo graci	4480	Dill phyli	5596	Grev s.ser	6332	Mela decor	2916	Rapa howit
2255	Bank e.eri	(4481)	Dill retor 3	(5603)	Grev sphac 1	6334	Mela erube	7354	*Rubu fruit
0363	Bank margi	5934	Dill rudis	5631	Haem corym	6338	Mela hyper	2956	Rubu parvi
2269	Bank oblon	4559	Dodo falca	5632	Haem plani	6341	Mela linar	7426	Saro fasti
(0366)	Bank serra 1	4566	Dodo multi	1562	Hake dacty	7288	Mela styph	7431	Scae a.alb
2285	Bank s.col	1093	Dodo triqu	1571	Hake seric	6345	Mela thymi	3023	Scae ramos
(2295)	Bank s.spi 3	4592	Dodo v.vis	5664	Hake t.ter	6381	Micr erico	3030	Schi bifid
0371	Baue rubio	1096	Dood asper	1596	Hard viola	2176	Micr hexan	(3039)	Scho apogo 1
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorp	2179	Micr s.sti	3041	Scho brevi
4291	Bill s.sca	4616	Drac secun	5731	Hibb a.asp	2181	Micr cilia	3049	Scho melan
2447	Blec ambig	1109	Dros spatu	5735	Hibb circu	2205	Mirb rubii	3057	Scho turbi
0404	Blec carti	4675	Echi c.cae	5736	Hibb c.cis	6409	Mirb s.spe	7523	*Sene madag
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu	2211	Mitr polym	7555	Senn odora
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp	2218	Mono ellip	3133	*Seta graci
0426	Boro ledif	1137	Elae retic	5749	Hibb nitid	(2220)	Mono scopi 1	(7609)	Smil glyci 1
0436	Boss ensat	1155	Empo minus	(581)	Hove linea 1	2224	Mori jasm	3186	Sola prino
(0438)	Boss heter 1	1161	Ento margi	5830	Hydr pedun	6492	Note longi	3231	Spre incar
0439	Boss obcor	(3790)	Ento stric 1	1741	Hype grami	6495	Note longi	3261	Stic f.fla
0440	Boss prost	5250	Epac m.mic	1744	*Hype perfo	2282	Note venos	3305	Styl laric styl. prod. 1
2624	Boss scolo	4788	Epac pulch	5854	*Hypo radic	6556	Olea micro	7726	Styp l.lae
2696	Brac d.dap	4791	Epac p.pur	5867	Impe c.maj	6570	Olea visci	7794	Telo speci
2879	Brun austr	1185	Erag brown	1761	Indi austr	2339	Oper asper	7827	Them austr
0512	Burc umbel	1187	*Erag curvu	(5906)	Isop anemo 3	2340	Oper hispi	3406	Tode barba
0515	Burs s.spi	(4893)	Erio austr 3	5907	Isop aneth	6580	Opli imbec	3421	Tric elati
4340	Caes p.min	4923	Euca acmen	1814	Junc conti	9652	Opun spp.	7875	Tric simpl
0557	Cale major	1243	Euca agglo	1845	Junc usita	2386	Oxal peren	3458	Tris lauri
0562	Call citri	4991	Euca crebr	1846	Junc vagin	9662	Oxal spp.	3496	*Verb bonar
3236	Call linea	5016	Euca eugen	1847	Kenn prost	6630	Ozot diosm	7975	Vern c.cin
0567	Call subul	5020	Euca fibro	1848	Kenn rubic	6647	Pand p.pan	3512	Vero plebe
0887	Calo dubia	1281	Euca globo	1854	Kunz ambig	2408	Pani simil	3523	Vimi junce
0609	Caly tetra	5033	Euca haema	(6004)	Lamb formo 3	2430	*Pasp dilat	8033	Wahl s.str
4681	Cass glabe	5077	Euca moluc	1873	Lasi f.fer	(2436)	Pate glabr 2	8049	West longi
4680	Cass glabe	(5089)	Euca oblon 4	1874	Lasi macro	2438	Pate seric	(8061)	Wool punge 1
(3559)	Cass pubes 2	5114	Euca pilul	6013	Lasi parvi	2449	Pell falca	8078	Xant media
(0688)	Caus flexu 4	5115	Euca piper	6014	Lasi rufum	2451	*Penn claud	8079	Xant m.min
3648	Cent asiat	5138	Euca punct	1889	Laxm graci	6754	Pers bargo	3592	Xant pilos
3690	Cera apeta	5142	Euca racem	1917	Lepi conca	6768	Pers lance	3594	Xant tride
3692	Cera gummi	5148	Euca r.res	1920	Lepi filif	(2464)	Pers levis 2	8089	Xylo pyrif
0724	*Cest parqu	5164	Euca scler	1921	Lepi forsy	2465	Pers linea	3605	Zier smith

Epac. pulch 2 Hibb. ripand 2 Lom. glauca 2
 Caleana, major 1

Styphelia fr. fl. 1



Vegetation Assessment

Project #: 4200 – Westcliff

Observer: SEW/NS

Date: 13/12/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: 024	Easting 297334	Northing 6213733
Location description: Tharwal Land, Nth of Westcliff bdy, along fire trail edge.		
Photo numbers:		

Topographical features	
Slope 0	Aspect Nth
Outcropping % 0	Surface Rock % 0
Soil Type Sandy	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	12	15	20	G	Euc rocem, Corym gum, Euc oblonga
Mid	ST	6	8	25	G	juvenile Eucs
Lower	shrub	1	3	15	G	Pers levis, Acac linif, lept trin, Petroph sess, lamb form, Eriost aust
Ground	small shrub herb grass	0	0.5	50	G	Grev diffr, Grev spath, lomand obliqu, cyathodiand, lepidosplater, poranth levis
Specht		FPC: 100-70%		70-30%	30-10%	<10%
Trees > 30m		Tall closed-forest		Tall open-forest	Tall woodland	Tall open-woodland
Trees 10 – 30m		Closed-forest		Open-forest	Woodland	Open-woodland
Trees 5 – 10m		Low closed-forest		Low open-forest	Low woodland	Low open-woodland
Trees < 5m		V. low closed-forest		V. low open-forest	V. low woodland	V. low open-woodland
Shrubs > 2m		Closed-scrub		Open-scrub	Tall shrubland	Tall open-shrubland
Shrubs 0.25 – 2m						
Sclerophyll		Closed Heathland		Heathland	Open heathland	Sparse heathland
Non-sclerophyll		Low closed-scrub		Low Open-scrub	Low shrubland	Low open-shrubland
Mapped community		ESSW				
EECs/Threatened Plants		Acac byn				

General Habitat Description and comments
Fire History: 45 yrs
Disturbance: Grazing, Roads, Powerlines, Erosion, fire
Adjacent land: Cleared, Residential, Scattered Trees, Uncleared, Riparian vegetation
RESILIENCE (Natural Soil Profile) – Good, Moderate, Poor, Very Poor/native pasture
RESILIENCE (Disturbed Soil Profile) – Permanently altered, Reveg area, Open space/exotic pasture
Weeds and Weed Density: None
Acacia byn recorded in areas of bare soil w/ not much leaf litter shrub layer fairly sparse + open. Acacia byn generally recorded near areas of disturbance. → appears to be old clearing/artificial disturbance.
Acacia byn recorded in areas burnt relatively recently → open shrub layer.

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1923	Lepi later	6792	Pers pinif
0423	Acac irror	3773	Chlo stoec	1318	Euca siebe	1927	Lepi neesi	6809	Petr pulch
0489	Acac linif	0755	*Chlo gayan	5187	Euca teret	1930	Lepi uroph	6810	Petr sessi
5128	Acac longi	0782	*Cirs vulga	3749	Euch invol	1938	Lept tenax	2500	Phyl gunni
0056	Acac mearn	0788	Clem arist	1346	Eust latif	1939	Lept acida	2501	Phyl hirte
0063	Acac myrti	3886	Cono erici	1350	Exoc cupre	1956	Lept conti	2510	*Phyt octan
0068	Acac obtus	3887	Cono l.ang	1353	Exoc stric	1953	Lept emarg	4819	Pime l.lin
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac	6088	Lept junip	2561	*Plan lance
0092	Acac suave	3890	Cono tenui	5336	Gahn asper	1958	Lept lanig	2571	Plat erico
0095	Acac termi	0810	*Cony albid	1387	Gahn clark	6094	Lept morri	6960	Plat linea
0098	Acac ulici	4370	Corr r.ref	1394	Gahn radul	6098	Lept parvi	2575	Plec parvi
0843	Acro divar	1288	Cory gummi	1404	Gali binif	6105	Lept p.pol	4694	Poa l.lab
3650	Acti helia	4378	Cras s.sie	5410	Gera s.sol	1950	Lept trine	2395	Podo ilici
0857	Acti minor	4069	Crot verre	1440	Glei dicar	6121	Lepy scari	7012	Poly calyc
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	1978	Leuc erico	2655	Poma disco
5449	Adia h.his	0899	Cyat diand	1455	Glyc cland	1982	Leuc junip	7043	Poma e.ell
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac	1983	Leuc l.lan	2658	Poma ferru
0677	Allo litto	0907	Cyno dacty	9417	Gnap spp.	6145	Leuc setig	2673	Poma inter
5383	Allo torul	0953	Damp purpu	5460	Gomp grand	1995	Leuc virga	2660	Poma lanig
0206	Ampe x.xip	0958	Damp stric	3748	Gomp incon	2003	*Ligu sinen	4837	Poma p.phy
4527	*Andr virgi	4246	Darw grand	5461	Gomp minus	2014	Lind linea	2677	Poma umbel
1345	Ango baker	4270	Davi corym	1486	Gono m.mic	2015	Lind micro	2682	Pora corym
5389	Ango costa	0995	Davi genis	1489	Gono tetta	6162	Lipa refle	7060	Pora erici
0231	Anis avena	4429	Davi u.uli	1490	Gono teucr	6168	Liss s.str	7082	Prat purpu
0237	Aotu erico	4323	Dend speci	1494	Good b.bel	9546	Loga spp.	7121	Pros s.sax
1589	Aris vagan	4369	Desm rhyti	4543	Good h.hed	4163	Loma cylin	7148	Pseu pimel
0269	Arth mille	4425	Desm varia	5490	Good h.egl	4709	Loma f.cor	2777	Pter escul
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	4710	Loma f.fil	7203	Ptil deust
0305	Astr pinif	4398	Dian c.pro	1514	Good stell	2046	Loma longi	7232	Pult ellip
1782	Astr latif	4408	Dian r.rev	5525	Grev d.dif	4711	Loma m.tub	2857	Pult linop
0981	Aust tenui	5797	Dich micra	5567	Grev longi	2048	Loma m.mul	5685	Pult micro
2156	Back myrti	1036	Dich repen	5573	Grev mucro	6192	Loma obliq	2871	Pult scabr
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi	2052	Loma myric	7262	Pult villo
0355	Baec linif	4476	Dill flori	5583	Grev p.par	6196	Loma silai	2883	Pyrr rupes
2222	Balo graci	4480	Dill phyli	5596	Grev s.ser	6332	Mela decor	2916	Rapa howit
2255	Bank e.eri	4481	Dill retor	5603	Grev sphac	6334	Mela erube	7354	*Rubu fruit
0363	Bank margi	5934	Dill rudis	5631	Haem corym	6338	Mela hyper	2956	Rubu parvi
2269	Bank oblon	4559	Dodo falca	5632	Haem plani	6341	Mela linar	7426	Saro fasti
0366	Bank serra	4566	Dodo multi	1562	Hake dacty	7288	Mela styph	7431	Scae a.alb
2285	Bank s.col	1093	Dodo triqu	1571	Hake seric	6345	Mela thymi	3023	Scae ramos
2295	Bank s.spi	4592	Dodo v.vis	5664	Hake t.ter	6381	Micr erico	3030	Schi bifid
0371	Baue rubio	1096	Dood asper	1596	Hard viola	2176	Micr hexan	3039	Scho apogo
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorpi	2179	Micr s.sti	3041	Scho brevi
4291	Bill s.sca	4616	Drac secun	5731	Hibb a.asp	2181	Micr cilia	3049	Scho melan
2447	Blec ambig	1109	Dros spatu	5735	Hibb circu	2205	Mirb rubii	3057	Scho turbi
0404	Blec carti	4675	Echi c.cae	5736	Hibb c.cis	6409	Mirb s.spe	7523	*Sene madag
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu	2211	Mitr polym	7555	Senn odora
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp	2218	Mono ellip	3133	*Seta graci
0426	Boro ledif	1137	Elae retic	5749	Hibb nitid	2220	Mono scopu	7609	Smil glyci
0436	Boss ensat	1155	Empo minus	5811	Hove linea	2224	Mori jasmi	3186	Sola prino
0438	Boss heter	1161	Ento margi	5830	Hydr pedun	6492	Note longi	3231	Spre incar
0439	Boss obcor	3790	Ento stric	1741	Hype grami	6495	Note longi	3261	Stic f.fla
0440	Boss prost	5250	Epac m.mic	1744	*Hype perfo	2282	Note venos	3305	Styl latic
2624	Boss scolo	4788	Epac pulch	5854	*Hypo radic	6556	Olea micro	7726	Styp l.lae
2696	Brac d.dap	4791	Epac p.pur	5867	Impe c.maj	6570	Olea visci	7794	Telo speci
2879	Brun austr	1185	Erag brown	1761	Indi austr	2339	Oper asper	7827	Them austr
0512	Burc umbel	1187	*Erag curvu	5906	Isop anemo	2340	Oper hispi	3406	Tode barba
0515	Burs s.spi	4893	Erio austr	5907	Isop aneth	6580	Opli imbec	3421	Tric elati
4340	Caes p.min	4923	Euca acmen	1814	Junc conti	9652	Opun spp.	7875	Tric simpl
0557	Cale major	1243	Euca agгло	1845	Junc usita	2386	Oxal peren	3458	Tris lauri
0562	Call citri	4991	Euca crebr	1846	Junc vagin	9662	Oxal spp.	3496	*Verb bonar
3236	Call linea	5016	Euca eugen	1847	Kenn prost	6630	Ozot diosm	7975	Vern c.cin
0567	Call subul	5020	Euca fibro	1848	Kenn rubic	6647	Pand p.pan	3512	Vero plebe
0887	Calo dubia	1281	Euca globo	1854	Kunz ambig	2408	Pani simil	3523	Vimi junce
0609	Caly tetra	5033	Euca haema	6004	Lamb formo	2430	*Pasp dilat	8033	Wahl s.str
4681	Cass glabe	5077	Euca moluc	1873	Lasi f.fer	2436	Pate glabr	8049	West longi
4680	Cass glabe	5089	Euca oblon	1874	Lasi macro	2438	Pate seric	8061	Wool punge
3559	Cass pubes	5114	Euca pilul	6013	Lasi parvi	2449	Pell falca	8078	Xant media
0688	Caus flexu	5115	Euca piper	6014	Lasi rufum	2451	*Penn cland	8079	Xant m.min
3648	Cent asiat	5138	Euca punct	1889	Laxm graci	6754	Pers bargo	3592	Xant pilos
3690	Cera apeta	5142	Euca racem	1917	Lepi conca	6768	Pers lance	3594	Xant tride
3692	Cera gummi	5148	Euca r.res	1920	Lepi filif	2464	Pers levis	8089	Xylo pyrif
0724	*Cest parqu	5164	Euca scler	1921	Lepi forsy	2465	Pers linea	3605	Zier smith



Vegetation Assessment

Project #: 4200 – Westcliff

Observer: SEW/MR

Date: 28/11/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: 13 Q2	Easting 297752	Northing 6212686
Location description: East of Brennan ck dam.		
Photo numbers: 4		

Topographical features	
Slope 5	Aspect 230°
Outcropping % 10	Surface Rock % <5
Soil Type sandstone	Horizon visibility —

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species	
Upper	T	10	15	30	G	Euc pip, Argo cast, Cory gum, Euc sieb	
Mid	ST	2	4	20	G	Bank serr, Persoon pinif, lept trin	
Lower	shrub	1	2	35	G	Bank spin, lept polyg, Isop anem,	
Ground	grass herb	0	0.5	40	G	Austrad sp, Lamandra spp, Anisop aven,	
Specht		FPC: 100-70%		70-30%		30-10%	<10%
Trees > 30m		Tall closed-forest		Tall open-forest		Tall woodland	Tall open-woodland
Trees 10 – 30m		Closed-forest		Open-forest		Woodland	Open-woodland
Trees 5 – 10m		Low closed-forest		Low open-forest		Low woodland	Low open-woodland
Trees < 5m		V. low closed-forest		V. low open-forest		V. low woodland	V. low open-woodland
Shrubs > 2m		Closed-scrub		Open-scrub		Tall shrubland	Tall open-shrubland
Shrubs 0.25 – 2m							
Sclerophyll		Closed Heathland		Heathland		Open heathland	Sparse heathland
Non-sclerophyll		Low closed-scrub		Low Open-scrub		Low shrubland	Low open-shrubland
Mapped community			SSGAF.				
EECs/Threatened Plants							

[illegible]

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1923	Lepi later	36792	Pers pinif
0423	Acac irror	3773	Chlo stoec	31318	Euca siebe	1927	Lepi neesi	6809	Petr pulch
0489	Acac linif	0755	*Chlo gayan	5187	Euca teret	1930	Lepi uroph	6810	Petr sessi
5128	Acac longi	0782	*Cirs vulga	3749	Euch invol	1938	Lept tenax	2500	Phyl gunni
0056	Acac mearn	0788	Clem arist	1346	Eust latif	21939	Lept acida	2501	Phyl hirte
0063	Acac myrti	3886	Cono erici	1350	Exoc cupre	1956	Lept conti	2510	*Phyt octan
0068	Acac obtus	3887	Cono l.ang	1353	Exoc stric	1953	Lept emarg	4819	Pime l.lin
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac	6088	Lept junip	2561	*Plan lance
0092	Acac suave	3890	Cono tenui	5336	Gahn asper	1958	Lept lanig	2571	Plat erico
0095	Acac termi	0810	*Cony albid	1387	Gahn clark	6094	Lept morri	6960	Plat linea
0098	Acac ulici	4370	Corr r.ref	1394	Gahn radul	6098	Lept parvi	2575	Plec parvi
0843	Acro divar	1288	Cory gummi	1404	Gali binif	36103	Lept p.pol	4694	Poa l.lab
3650	Acti helia	4378	Cras s.sie	5410	Gera s.sol	41950	Lept trine	2395	Podo ilici
0857	Acti minor	4069	Crot verre	1440	Glei dicar	6121	Lepy scari	7012	Poly calyc
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	11978	Leuc erico	2655	Poma disco
5449	Adia h.his	20899	Cyat diand	1455	Glyc cland	1982	Leuc junip	7043	Poma e.ell
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac	1983	Leuc l.lan	2658	Poma ferru
0677	Allo litto	0907	Cyno dacty	9417	Gnap spp.	6145	Leuc setig	2673	Poma inter
5383	Allo torul	0953	Damp purpu	5460	Gomp grand	1995	Leuc virga	2660	Poma lanig
10206	Ampe x.xip	0958	Damp stric	3748	Gomp incon	2003	*Ligu sinen	4837	Poma p.phy
4527	*Andr virgi	4246	Darw grand	5461	Gomp minus	2014	Lind linea	2677	Poma umbel
1345	Ango baker	4270	Davi corym	1486	Gono m.mic	2015	Lind micro	2682	Pora corym
45389	Ango costa	0995	Davi genis	1489	Gono tetra	6162	Lipa refle	7060	Pora erici
30231	Anis avena	4429	Davi u.uli	1490	Gono teucr	6168	Liss s.str	7082	Prat purpu
0237	Aotu erico	4323	Dend speci	1494	Good b.bel	9546	Loga spp.	7121	Pros s.sax
1589	Aris vagan	4369	Desm rhyti	14543	Good h.hed	14163	Loma cylin	7148	Pseu pimel
0269	Arth mille	4425	Desm varia	5490	Good h.egl	14709	Loma f.cor	2777	Pter escul
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	24710	Loma f.fil	7203	Ptil deust
0305	Astr pinif	14398	Dian c.pro	1514	Good stell	2046	Loma longi	7232	Pult ellip
1782	Astr latif	4408	Dian r.rev	25525	Grev d.dif	4711	Loma m.tub	2857	Pult linop
0981	Aust tenui	5797	Dich micra	5567	Grev longi	12048	Loma m.mul	5685	Pult micro
2156	Back myrti	1036	Dich repen	25573	Grev mucro	26192	Loma obliq	2871	Pult scabr
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi	2052	Loma myric	7262	Pult villo
0355	Baec linif	14476	Dill flori	5583	Grev p.par	6196	Loma silai	2883	Pyrp rupes
2222	Balo graci	4480	Dill phyli	5596	Grev s.ser	6332	Mela decor	2916	Rapa howit
2255	Bank e.eri	14481	Dill retor	5603	Grev sphac	6334	Mela erube	7354	*Rubu fruit
0363	Bank margi	5934	Dill rudis	5631	Haem corym	6338	Mela hyper	2956	Rubu parvi
2269	Bank oblon	4559	Dodo falca	5632	Haem plani	6341	Mela linar	7426	Saro fasti
20366	Bank serra	4566	Dodo multi	1562	Hake dacty	7288	Mela styph	7431	Scae a.alb
2285	Bank s.col	1093	Dodo triqu	1571	Hake seric	6345	Mela thymi	3023	Scae ramos
32295	Bank s.spi	4592	Dodo v.vis	5664	Hake t.ter	6381	Micr erico	3030	Schi bifid
0371	Baue rubio	1096	Dood asper	1596	Hard viola	2176	Micr hexan	3039	Scho apogo
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorp	2179	Micr s.sti	3041	Scho brevi
14291	Bill s.sca	4616	Drac secun	5731	Hibb a.asp	2181	Micr cilia	3049	Scho melan
2447	Blec ambig	1109	Dros spatu	5735	Hibb circu	2205	Mirb rubii	3057	Scho turbi
0404	Blec carti	4675	Echi c.cae	15736	Hibb c.cis	6409	Mirb s.spe	7523	*Sene madag
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu	2211	Mitr polym	7555	Senn odora
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp	2218	Mono ellip	3133	*Seta graci
0426	Boro ledif	1137	Elae retic	5749	Hibb nitid	12220	Mono scopu	7609	Smil glyci
0436	Boss ensat	1155	Empo minus	15811	Hove linea	2224	Mori jasm	3186	Sola prino
0438	Boss heter	1161	Ento margi	5830	Hydr pedun	6492	Note longi	3231	Spre incar
20439	Boss obcor	3790	Ento stric	1741	Hype gram	6495	Note longi	3261	Stic f.fla
0440	Boss prost	5250	Epac m.mic	1744	*Hype perfo	2282	Note venos	3305	Styl latic
2624	Boss scolo	24788	Epac pulch	5854	*Hypo radic	6556	Olea micro	7726	Styp l.lae
2696	Brac d.dap	4791	Epac p.pur	5867	Impe c.maj	6570	Olea visci	7794	Telo speci
2879	Brun austr	1185	Erag brown	1761	Indi austr	2339	Oper asper	7827	Them austr
0512	Burc umbel	1187	*Erag curvu	5906	Isop anemo	2340	Oper hispi	3406	Tode barba
0515	Burs s.spi	24893	Erio austr	5907	Isop aneth	6580	Opli imbec	3421	Tric elati
4340	Caes p.min	4923	Euca acmen	1814	Junc conti	9652	Opun spp.	7875	Tric simpl
0557	Cale major	1243	Euca agгло	1845	Junc usita	2386	Oxal peren	3458	Tris lauri
0562	Call citri	4991	Euca crebr	1846	Junc vagin	9662	Oxal spp.	3496	*Verb bonar
3236	Call linea	5016	Euca eugen	1847	Kenn prost	6630	Ozot diosm	7975	Vern c.cin
0567	Call subul	5020	Euca fibro	1848	Kenn rubic	6647	Pand p.pan	3512	Vero plebe
0887	Calo dubia	1281	Euca globo	1854	Kunz ambig	2408	Pani simil	3523	Vimi junce
0609	Caly tetra	5033	Euca haema	16004	Lamb formo	2430	*Pasp dilat	8033	Wahl s.str
4681	Cass glabe	5077	Euca moluc	1873	Lasi f.fer	2436	Pate glabr	8049	West longi
14680	Cass glabe	5089	Euca oblon	1874	Lasi macro	2438	Pate seric	8061	Wool punge
13558	Cass pubes	5114	Euca pilul	6013	Lasi parvi	2449	Pell falca	8078	Xant media
30688	Caus flexu	5115	Euca piper	6014	Lasi rufum	2451	*Penn cland	8079	Xant m.min
3648	Cent asiat	5138	Euca punct	1889	Laxm graci	6754	Pers bargo	3592	Xant pilos
3690	Cera apeta	5142	Euca racem	1917	Lepi conca	6768	Pers lance	3594	Xant tride
3692	Cera gummi	5148	Euca r.res	1920	Lepi filif	2464	Pers levis	8089	Xylo pyrif
0724	*Cest parqu	5164	Euca scler	1921	Lepi forsy	2465	Pers linea	3605	Zier smith

4 Austrod sp.



Vegetation Assessment

Project #: 4200 – Westcliff

Observer: Ns BS

Date: 28/11/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: WP008	Easting 298325	Northing 6211738
Location description:		
Photo numbers: PH 100 - 0008		

Topographical features	
Slope 20 %	Aspect NORTH
Outcropping % 30 %	Surface Rock % 30 %
Soil Type SAND	Horizon visibility 100 m

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	18	20	20	G	Euc pip, Euc agglon
Mid	Shr	6	10	20	G	Allocas litt + juv. Euc spp
Lower	Shr	1	3	15	G	Bank spin, Dact. friz,
Ground	Sodscr Herbs	0	1	10	G	Lepi lat, Lepi oroph, Lom. filit Lom. spp
Specht		FPC: 100-70%		70-30%	30-10%	<10%
Trees > 30m		Tall closed-forest		Tall open-forest	Tall woodland	Tall open-woodland
Trees 10 – 30m		Closed-forest		Open-forest	Woodland	Open-woodland
Trees 5 – 10m		Low closed-forest		Low open-forest	Low woodland	Low open-woodland
Trees < 5m		V. low closed-forest		V. low open-forest	V. low woodland	V. low open-woodland
Shrubs > 2m		Closed-scrub		Open-scrub	Tall shrubland	Tall open-shrubland
Shrubs 0.25 – 2m						
Sclerophyll		Closed Heathland		Heathland	Open heathland	Sparse heathland
Non-sclerophyll		Low closed-scrub		Low Open-scrub	Low shrubland	Low open-shrubland
Mapped community		SSGPF				
EECs/Threatened Plants		-				

General Habitat Description and comments	
Fire History:	10 years
Disturbance:	Grazing, Roads, Powerlines, Erosion. Pollution from flood events.
Adjacent land:	Cleared, Residential, Scattered Trees, Uncleared (Riparian vegetation)
RESILIENCE (Natural Soil Profile)	(Good) Moderate, Poor, Very Poor/native pasture
RESILIENCE (Disturbed Soil Profile)	Permanently altered, Reveg area, Open space/exotic pasture
Weeds and Weed Density:	No weeds but occur in adjacent area Juniperus nana + Ag. adnata
- Gully forest/woodland w/ high resilience.	
- Features incl. rack subcrop & Casuarina leaf litter layer.	

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1923	Lepi later 2 ✓	6792	Pers pinif
0423	Acac irror	3773	Chlo stoec	1318	Euca siebe	1927	Lepi neesi	6809	Petr pulch
0489	Acac linif 1 ✓	0755	*Chlo gayan	5187	Euca teret	1930	Lepi uroph 3 ✓	6810	Petr sessi
5128	Acac longi 2 ✓	0782	*Cirs vulga	3749	Euch invol	1938	Lept tenax	2500	Phyl gunni
0056	Acac mearn	0788	Clem arist	1346	Eust latif	1939	Lept acida	2501	Phyl hirte
0063	Acac myrti	3886	Cono erici	1350	Exoc cupre	1956	Lept conti	2510	*Phyt octan
0068	Acac obtus	3887	Cono l.ang	1353	Exoc stric	1953	Lept emarg	4819	Pime l.lin
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac	6088	Lept junip	2561	*Plan lance
0092	Acac suave	3890	Cono tenui	5336	Gahn asper	1958	Lept lanig	2571	Plat erico
0095	Acac termi 1 ✓	0810	*Cony albid	1387	Gahn clark	6094	Lept morri	6960	Plat linea 2 ✓
0098	Acac ulici 1 ✓	4370	Corr r.ref	1394	Gahn radul	6098	Lept parvi	2575	Plec parvi
0843	Acro divar	1288	Cory gummi 1 ✓	1404	Gali binif	6105	Lept p.pol 1 ✓	4694	Poa l.lab
3650	Acti helia 1 ✓	4378	Cras s.sie	5410	Gera s.sol	1950	Lept trine 2 ✓	2395	Podo ilici
0857	Acti minor	4069	Crot verre	1440	Glei dicar	6121	Lepy scari	7012	Poly calyc
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	1978	Leuc erico	2655	Poma disco
5449	Adia h.his	0899	Cyat diand	1455	Glyc cland	1982	Leuc junip	7043	Poma e.ell
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac	1983	Leuc l.lan	2658	Poma ferru
0677	Allo litto 4 ✓	0907	Cyno dacty	9417	Gnap spp.	6145	Leuc setig	2673	Poma inter
5383	Allo torul	0953	Damp purpu 2 ✓	5460	Gomp grand	1995	Leuc virga	2660	Poma lanig
0206	Ampe x.xip	0958	Damp stric	3748	Gomp incon	2003	*Ligu sinen	4837	Poma p.phy
4527	*Andr virgi	4246	Darw grand	5461	Gomp minus	2014	Lind linea	2677	Poma umbel
1345	Ango baker	4270	Davi corym	1486	Gono m.mic	2015	Lind micro	2682	Pora corym
5389	Ango costa	0995	Davi genis	1489	Gono tetra	6162	Lipa refle	7060	Pora erici
0231	Anis avena	4429	Davi u.uli	1490	Gono teucr	6168	Liss s.str	7082	Prat purpu
0237	Aotu erico	4323	Dend speci	1494	Good b.bel	9546	Loga spp.	7121	Pros s.sax
1589	Aris vagan	4369	Desm rhyti	4543	Good h.hed	4163	Loma cylin	7148	Pseu pimel ✓
0269	Arth mille	4425	Desm varia	5490	Good h.egl	4709	Loma f.cor	2777	Pter escul ✓
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	4710	Loma f.fil 3 ✓	7203	Ptil deust
0305	Astr pinif	4398	Dian c.pro	1514	Good stell	2046	Loma longi ✓	7232	Pult ellip
1782	Astr latif	4408	Dian r.rev	5525	Grev d.dif	4711	Loma m.tub	2857	Pult linop
0981	Aust tenui	5797	Dich micra	5567	Grev longi	2048	Loma m.mul 2 ✓	5685	Pult micro
2156	Back myrti	1036	Dich repen	5573	Grev mucro 2 ✓	6192	Loma obliq 2 ✓	2871	Pult scabr
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi	2052	Loma myric	7262	Pult villo
0355	Baec linif	4476	Dill flori	5583	Grev p.par	6196	Loma silai	2883	Pyrp rupes
2222	Balo graci	4480	Dill phyli	5596	Grev s.ser	6332	Mela decor	2916	Rapa howit
2255	Bank e.eri 1 ✓	4481	Dill retor	5603	Grev sphac	6334	Mela erube	7354	*Rubu fruit
0363	Bank margi	5934	Dill rudis	5631	Haem corym	6338	Mela hyper	2956	Rubu parvi
2269	Bank oblon	4559	Dodo falca	5632	Haem plani	6341	Mela linar	7426	Saro fasti
0366	Bank serra 1 ✓	4566	Dodo multi	1562	Hake dacty 1 ✓	7288	Mela styph	7431	Scae a.alb
2285	Bank s.col	1093	Dodo triqu 3 ✓	1571	Hake seric	6345	Mela thymi	3023	Scae ramos
2295	Bank s.spi 3 ✓	4592	Dodo v.vis	5664	Hake t.ter	6381	Micr erico	3030	Schi bifid
0371	Baué rubio	1096	Dood asper	1596	Hard viola 1 ✓	2176	Micr hexan	3039	Scho apogo
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorp	2179	Micr s.sti	3041	Scho brevi
4291	Bill s.sca 1 ✓	4616	Drac secun	5731	Hibb a.asp	2181	Micr cilia	3049	Scho melan
2447	Blec ambig	1109	Dros spatu	5735	Hibb circ	2205	Mirb rubii	3057	Scho turbi
0404	Blec carti	4675	Echi c.cae	5736	Hibb c.cis	6409	Mirb s.spe	7523	*Sene madag
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu	2211	Mitr polym	7555	Senn odora
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp	2218	Mono ellip	3133	*Seta graci
0426	Boro ledif 1 ✓	1137	Elae retic	5749	Hibb nitid	2220	Mono scopi 1 ✓	7609	Smil glyci
0436	Boss ensat	1155	Empo minus	5811	Hove linea 1 ✓	2224	Mori jasmi	3186	Sola prino
0438	Boss heter	1161	Ento margi	5830	Hydr pedun	6492	Note longi	3231	Spre incar
0439	Boss obcor 1 ✓	3790	Ento stric 2 ✓	1741	Hype gram	6495	Note longi	3261	Stic f.fla
0440	Boss prost	5250	Epac m.mic	1744	*Hype perfo	2282	Note venos	3305	Styl latic
2624	Boss scolo	4788	Epac pulch	5854	*Hypo radic	6556	Olea micro	7726	Styp l.lae
2696	Brac d.dap	4791	Epac p.pur	5867	Impe c.maj	6570	Olea visci	7794	Telo speci
2879	Brun austr	1185	Erag brown	1761	Indi austr	2339	Oper asper	7827	Them austr
0512	Burc umbel	1187	*Erag curvu	5906	Isop anemo	2340	Oper hispi	3406	Tode barba
0515	Burs s.spi	4893	Erio austr 2 ✓	5907	Isop aneth	6580	Opli imbec	3421	Tric elati
4340	Caes p.min	4923	Euca acmen	1814	Junc conti	9652	Opun spp.	7875	Tric simpl
0557	Cale major	1243	Euca aggl 3 ✓	1845	Junc usita	2386	Oxal peren	3458	Tris lauri
0562	Call citri	4991	Euca crebr	1846	Junc vagin	9662	Oxal spp.	3496	*Verb bonar
3236	Call linea	5016	Euca eugen	1847	Kenn prost	6630	Ozot diosm	7975	Vern c.cin
0567	Call subul	5020	Euca fibro	1848	Kenn rubic	6647	Pand p.pan	3512	Vero plebe
0887	Calo dubia	1281	Euca globo	1854	Kunz ambig	2408	Pani simil	3523	Vimi junce
0609	Caly tetra	5033	Euca haema	6004	Lamb formo 1 ✓	2430	*Pasp dilat	8033	Wahl s.str
4681	Cass glabe	5077	Euca moluc	1873	Lasi f.fer	2436	Pate glabr	8049	West longi
4680	Cass glabe	5089	Euca oblon	1874	Lasi macro	2438	Pate seric	8061	Wool punge
3559	Cass pubes	5114	Euca pilul	6013	Lasi parvi	2449	Pell falca	8078	Xant media
0688	Caus flexu	5115	Euca piper 4 ✓	6014	Lasi rufum	2451	*Penn cland	8079	Xant m.min
3648	Cent asiat	5138	Euca punct	1889	Laxm graci	6754	Pers bargo	3592	Xant pilos
3690	Cera apeta	5142	Euca racem	1917	Lepi conca	6768	Pers lance	3594	Xant tride
3692	Cera gummi	5148	Euca r.res	1920	Lepi filif	2464	Pers levis 1 ✓	8089	Xylo pyrif
0724	*Cest parqu	5164	Euca scler	1921	Lepi forsy	2465	Pers linea	3605	Zier smith

Pomadernis lanigera 1 ✓
Rici pini 1 ✓
Lon glauca 2 ✓



Vegetation Assessment

Project #: 4200 – Westcliff

Observer: NS / BJS

Date: 27/11/06

Location	Note: Easting and Northing is Mandatory for FIS														
Waypoint: W1003	Easting <table border="1"><tr><td>2</td><td>9</td><td>8</td><td>6</td><td>3</td><td>9</td></tr></table>	2	9	8	6	3	9	Northing <table border="1"><tr><td>6</td><td>2</td><td>1</td><td>1</td><td>5</td><td>6</td><td>9</td></tr></table>	6	2	1	1	5	6	9
2	9	8	6	3	9										
6	2	1	1	5	6	9									
Location description:															
Photo numbers: 100 - 200/															

Topographical features	
Slope 10 %	Aspect W
Outcropping % 20	Surface Rock % 5
Soil Type S	Horizon visibility 50 m

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	12	15	25%	G	Corymb gum, Euc pip
Mid	Smt	4	8	30%	G	Bank. serr, Hake dact., Bank. seric, Cor. gum.
Lower	Shr	1	3	40%	G	Lepto poly, Aotus, Dill ret., Ac. tenu.
Ground	Sedges Herbs	0	1	5%	G	Schoenus molang, Xanth. pilos. (leaves) Pterid etc, (leaf litter + rock)
Specht		FPC: 100-70%		70-30%		30-10%
Trees > 30m		Tall closed-forest		Tall open-forest		Tall woodland
Trees 10 – 30m		Closed-forest		Open-forest		Woodland
Trees 5 – 10m		Low closed-forest		Low open-forest		Low woodland
Trees < 5m		V. low closed-forest		V. low open-forest		V. low woodland
Shrubs > 2m		Closed-scrub		Open-scrub		Tall shrubland
Shrubs 0.25 – 2m						
Sclerophyll		Closed Heathland		Heathland		Open heathland
Non-sclerophyll		Low closed-scrub		Low Open-scrub		Low shrubland
Mapped community		ESSW, SSGPF Ecotone.				
EECs/Threatened Plants		-				

General Habitat Description and comments
Fire History: 10-15 ya (slightly senescent)
Disturbance: Grazing, Roads, Powerlines, Erosion. (none)
Adjacent land: Cleared, Residential, Scattered Trees, <u>Uncleared</u> , Riparian vegetation
RESILIENCE (Natural Soil Profile) - <u>Good</u> , Moderate, Poor, Very Poor/native pasture
RESILIENCE (Disturbed Soil Profile) - Permanently altered, Reveg area, Open space/exotic pasture
Weeds and Weed Density: NONE
- West. facing SSGPF (woodland)

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1923	Lepi later 2	6792	Pers pinif
0423	Acac irror	3773	Chlo stoec	1318	Euca siebe	1927	Lepi neesi	6809	Petr pulch
0489	Acac linif	0755	*Chlo gayan	5187	Euca teret	1930	Lepi uroph	6810	Petr sessi 2
5128	Acac longi	0782	*Cirs vulga	3749	Euch invol	1938	Lept tenax	2500	Phyl gunni
0056	Acac mearn	0788	Clem arist	1346	Eust latif	1939	Lept acida 2	2501	Phyl hirte
0063	Acac myrti	3886	Cono erici	1350	Exoc cupre	1956	Lept conti	2510	*Phyt octan
0068	Acac obtus	3887	Cono l.ang	1353	Exoc stric	1953	Lept emarg	4819	Pime l.lin
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac	6088	Lept junip	2561	*Plan lance
0092	Acac suave	3890	Cono tenui	5336	Gahn asper	1958	Lept lanig	2571	Plat erico
0095	Acac termi 4	0810	*Cony albid	1387	Gahn clark	6094	Lept morri	6960	Plat linea
0098	Acac ulici 2	4370	Corr r.ref	1394	Gahn radul	6098	Lept parvi	2575	Plec parvi
0843	Acro divar	1288	Cory gummi 3	1404	Gali binif	6105	Lept p.pol 4	4694	Poa l.lab
3650	Acti helia	4378	Cras s.sie	5410	Gera s.sol	1950	Lept trine 2	2395	Podo ilici
0857	Acti minor	4069	Crot verre	1440	Glei dicar 1	6121	Lepy scari	7012	Poly calyc
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	1978	Leuc erico	2655	Poma disco
5449	Adia h.his	0899	Cyat diand	1455	Glyc claud	1982	Leuc junip	7043	Poma e.ell
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac	1983	Leuc l.lan	2658	Poma ferru
0677	Allo litto 1	0907	Cyno dacty	9417	Gnap spp.	6145	Leuc setig	2673	Poma inter
5383	Allo torul	0953	Damp purpu	5460	Gomp grand	1995	Leuc virga	2660	Poma lanig
0206	Ampe x.xip 2	0958	Damp stric	3748	Gomp incon	2003	*Ligu sinen	4837	Poma p.phy
4527	*Andr virgi	4246	Darw grand	5461	Gomp minus	2014	Lind linea	2677	Poma umbel
1345	Ango baker	4270	Davi corym	1486	Gono m.mic	2015	Lind micro	2682	Pora corym 1
5389	Ango costa	0995	Davi genis	1489	Gono tetra	6162	Lipa refle	7060	Pora erici
0231	Anis avena 1	4429	Davi u.uli	1490	Gono teucr 1	6168	Liss s.str	7082	Prat purpu
0237	Aotu erico 4	4323	Dend speci	1494	Good b.bel	9546	Loga spp.	7121	Pros s.sax
1589	Aris vagan	4369	Desm rhyti	4543	Good h.hed	4163	Loma cylin	7148	Pseu pimel
0269	Arth mille	4425	Desm varia	5490	Good h.egl	4709	Loma f.cor	2777	Pter escul 3
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	4710	Loma f.fil	7203	Ptil deust
0305	Astr pinif	4398	Dian c.pro	1514	Good stell	2046	Loma longi 2	7232	Pult ellip
1782	Astr latif	4408	Dian r.rev	5525	Grev d.dif	4711	Loma m.tub	2857	Pult linop
0981	Aust tenui	5797	Dich micra	5567	Grev longi	2048	Loma m.mul	5685	Pult micro
2156	Back myrti	1036	Dich repen	5573	Grev mucro 1	6192	Loma obliq	2871	Pult scabr
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi	2052	Loma myric	7262	Pult villo
0355	Baec linif	4476	Dill flori	5583	Grev p.par	6196	Loma silai	2883	Pyrr rupes
2222	Balo graci	4480	Dill phyli	5596	Grev s.ser	6332	Mela decor	2916	Rapa howit
2255	Bank e.eri 2	4481	Dill retor 3	5603	Grev sphac	6334	Mela erube	7354	*Rubu fruit
0363	Bank margi 3	5934	Dill rudis	5631	Haem corym	6338	Mela hyper	2956	Rubu parvi
2269	Bank oblon	4559	Dodo falca	5632	Haem plani	6341	Mela linar	7426	Saro fasti
0366	Bank serra 3	4566	Dodo multi	1562	Hake dacty 3	7288	Mela styph	7431	Scae a.alb
2285	Bank s.col	1093	Dodo triqu	1571	Hake seric	6345	Mela thymi	3023	Scae ramos
2295	Bank s.spi 1	4592	Dodo v.vis	5664	Hake t.ter	6381	Micr erico	3030	Schi bifid
0371	Baue rubio	1096	Dood asper	1596	Hard viola	2176	Micr hexan	3039	Scho apogo
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorp	2179	Micr s.sti	3041	Scho brevi
4291	Bill s.sca	4616	Drac secun	5731	Hibb a.asp	2181	Micr cilia	3049	Scho melan 3
2447	Blec ambig	1109	Dros spatu	5735	Hibb circu	2205	Mirb rubii	3057	Scho turbi
0404	Blec carti	4675	Echi c.cae	5736	Hibb c.cis	6409	Mirb s.spe	7523	*Sene madag
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu	2211	Mitr polym	7555	Senn odora
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp	2218	Mono ellip	3133	*Seta graci
0426	Boro ledif	1137	Elae retic	5749	Hibb nitid	2220	Mono scopu 1	7609	Smil glyci 1
0436	Boss ensat	1155	Empo minus	5811	Hove linea	2224	Mori jasmi	3186	Sola prino
0438	Boss heter 2	1161	Ento margi	5830	Hydr pedun	6492	Note longi	3231	Spre incar
0439	Boss obcor	3790	Ento stric 2	1741	Hype gram	6495	Note longi	3261	Stic f.fla
0440	Boss prost	5250	Epac m.mic	1744	*Hype perfo	2282	Note venos	3305	Styl latic
2624	Boss scolo	4788	Epac pulch	5854	*Hypo radic	6556	Olea micro	7726	Styp l.lae
2696	Brac d.dap	4791	Epac p.pur	5867	Impe c.maj	6570	Olea visci	7794	Telo speci
2879	Brun austr	1185	Erag brown	1761	Indi austr	2339	Oper asper	7827	Them austr
0512	Burc umbel	1187	*Erag curvu	5906	Isop anemo	2340	Oper hispi	3406	Tode barba 1
0515	Burs s.spi	4893	Erio austr 3	5907	Isop aneth	6580	Opli imbec	3421	Tric elati
4340	Caes p.min	4923	Euca acmen	1814	Junc conti	9652	Opun spp.	7875	Tric simpl
0557	Cale major 1	1243	Euca agгло	1845	Junc usita	2386	Oxal peren	3458	Tris lauri
0562	Call citri	4991	Euca crebr	1846	Junc vagin	9662	Oxal spp.	3496	*Verb bonar
3236	Call linea	5016	Euca eugen	1847	Kenn prost	6630	Ozot diosm	7975	Vern c.cin
0567	Call subul	5020	Euca fibro	1848	Kenn rubic	6647	Pand p.pan	3512	Vero plebe
0887	Calo dubia	1281	Euca globo	1854	Kunz ambig	2408	Pani simil	3523	Vimi junce
0609	Caly tetra	5033	Euca haema	6004	Lamb formo	2430	*Pasp dilat	8033	Wahl s.str
4681	Cass glabe 3	5077	Euca moluc	1873	Lasi f.fer	2436	Pate glabr 1	8049	West longi
4680	Cass glabe	5089	Euca oblon	1874	Lasi macro	2438	Pate seric 1	8061	Wool punge 2
3559	Cass pubes	5114	Euca pilul	6013	Lasi parvi	2449	Pell falca	8078	Xant media
0688	Caus flexu 1	5115	Euca piper 4	6014	Lasi rufum	2451	*Penn claud	8079	Xant m.min
3648	Cent asiat	5138	Euca punct	1889	Laxm graci	6754	Pers bargo	3592	Xant pilos 1
3690	Cera apeta	5142	Euca racem	1917	Lepi conca	6768	Pers lance	3594	Xant tride
3692	Cera gummi 3	5148	Euca r.res	1920	Lepi filif	2464	Pers levis	8089	Xylo pyrif
0724	*Cest parqu	5164	Euca scler	1921	Lepi forsy	2465	Pers linea	3605	Zier smith

Ricin. pin. 3
styl. prool. 2
Epac. longi. 2
Hibb. bract. 3
Gahnia sp. 1
Pora. micro. 1
ritida

Pomm. 1



Vegetation Assessment

Project #: 4200 – Westcliff

Observer: BS & NS

Date: 27/11

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: *	Easting 2 9 8 5 6 0	Northing 6 2 1 1 4 6 4
Location description: <i>Adjacent to Brennan Creek (South Side)</i> <i>Bearing 305-215</i>		
Photo numbers:		

Topographical features	
Slope	Aspect
Outcropping %	Surface Rock %
Soil Type	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	Trees	15	18	25	G	Exc. pip.
Mid	Small Trees	5	8	40	G	" " B. eric., Hak. dent. Cerat. gum.
Lower	Shrubs	1	3	40	G	Acacia form. lept. trin. lept. arida. Petr. sessilis
Ground	Sedges Herbs	0	1	10	G	Lomandra spp. - Mostly rock & leaf litter
Specht		FPC: 100-70%		70-30%		30-10%
Trees > 30m		Tall closed-forest		Tall open-forest		Tall woodland
Trees 10 – 30m		Closed-forest		Open-forest		Woodland
Trees 5 – 10m		Low closed-forest		Low open-forest		Low woodland
Trees < 5m		V. low closed-forest		V. low open-forest		V. low woodland
Shrubs > 2m		Closed-scrub		Open-scrub		Tall shrubland
Shrubs 0.25 – 2m						
Sclerophyll		Closed Heathland		Heathland		Open heathland
Non-sclerophyll		Low closed-scrub		Low Open-scrub		Low shrubland
Mapped community		Peppermint Gully Forest.				
EECs/Threatened Plants						

General Habitat Description and comments
Fire History: 75ya.
Disturbance: Grazing , Roads , Powerlines , Erosion. Nil
Ajacent land: Cleared , Residential , Scattered Trees, Uncleared <u>Riparian vegetation</u>
RESILIENCE (Natural Soil Profile) - Good, Moderate , Poor , Very Poor/native pasture
RESILIENCE (Disturbed Soil Profile) - Permantly altered , Reveg area , Open space/exotic pasture
Weeds and Weed Density: few along creek e.g. Chloris gayana

1. ~~Acrid~~ 6/28/06

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1923	Lepi later 1	6792	Pers pinif 1
0423	Acac irror	3773	Chlo stoec	1318	Euca siebe	1927	Lepi neesi	6809	Petr pulch
0489	Acac linif	0755	*Chlo gayan 1	5187	Euca teret	1930	Lepi uroph	6810	Petr sessi 3
5128	Acac longi 2	0782	*Cirs vulga	3749	Euch invol	1938	Lept tenax	2500	Phyl gunni
0056	Acac mearn	0788	Clem arist	1346	Eust latif	1939	Lept acida 3	2501	Phyl hirte 1
0063	Acac myrti	3886	Cono erici	1350	Exoc cupre	1956	Lept conti	2510	*Phyt octan
0068	Acac obtus	3887	Cono l.ang	1353	Exoc stric	1953	Lept emarg	4819	Pime l.lin
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac	6088	Lept junip	2561	*Plan lance
0092	Acac suave	3890	Cono tenui	5336	Gahn asper	1958	Lept lanig	2571	Plat erico
0095	Acac termi 3	0810	*Cony albid	1387	Gahn clark	6094	Lept morri	6960	Plat linea 2
0098	Acac ulici	4370	Corr r.ref	1394	Gahn radul	6098	Lept parvi	2575	Plec parvi
0843	Acro divar	1288	Cory gummi 1	1404	Gali binif	6105	Lept p.pol 1	4694	Poa l.lab
3650	Acti helia	4378	Cras s.sie	5410	Gera s.sol	1950	Lept trine 4	2395	Podo ilici
0857	Acti minor	4069	Crot verre	1440	Glei dicar	6121	Lepy scari	7012	Poly calyc
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	1978	Leuc erico	2655	Poma disco
5449	Adia h.his	0899	Cyat diand	1455	Glyc cland	1982	Leuc junip	7043	Poma e.ell
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac	1983	Leuc l.lan	2658	Poma ferru
0677	Allo litto	0907	Cyno dacty	9417	Gnap spp.	6145	Leuc setig	2673	Poma inter
5383	Allo torul	0953	Damp purpu 1	5460	Gomp grand 3	1995	Leuc virga	2660	Poma lanig
0206	Ampe x.xip	0958	Damp stric	3748	Gomp incon	2003	*Ligu sinen	4837	Poma p.phy
4527	*Andr virgi	4246	Darw grand	5461	Gomp minus	2014	Lind linea	2677	Poma umbel
1345	Ango baker	4270	Davi corym	1486	Gono m.mic	2015	Lind micro	2682	Pora corym
5389	Ango costa	0995	Davi genis	1489	Gono tetra	6162	Lipa refle	7060	Pora erici
0231	Anis avena 1	4429	Davi u.uli	1490	Gono teucr	6168	Liss s.str	7082	Prat purpu
0237	Aotu erico 2	4323	Dend speci	1494	Good b.bel	9546	Loga spp.	7121	Pros s.sax
1589	Aris vagan	4369	Desm rhyti	4543	Good h.hed 1	4168	Loma cylin 1	7148	Pseu pimel
0269	Arth mille	4425	Desm varia	5490	Good h.egl	4709	Loma f.cor	2777	Pter escul 2
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	4710	Loma f.fil 2	7203	Ptil deust
0305	Astr pinif	4398	Dian c.pro	1514	Good stell	2046	Loma longi 1	7232	Pult ellip
1782	Astr latif	4408	Dian r.rev	5525	Grev d.dif	4711	Loma m.tub	2857	Pult linop
0981	Aust tenui	5797	Dich micra	5567	Grev longi	2048	Loma m.mul	5685	Pult micro
2156	Back myrti	1036	Dich repen	5573	Grev mucro 1	6192	Loma obliq 1	2871	Pult scabr
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi	2052	Loma myric 1	7262	Pult villo
0355	Baec linif	4476	Dill flori	5583	Grev p.par	6196	Loma silai	2883	Pyrr rupes
2222	Balo graci	4480	Dill phyli	5596	Grev s.ser	6332	Mela decor	2916	Rapa howit
2255	Bank e.eri 4	4481	Dill retor 3	5603	Grev sphac	6334	Mela erube	7354	*Rubu fruit
0363	Bank margi	5934	Dill rudis	5631	Haem corym	6338	Mela hyper	2956	Rubu parvi
2269	Bank oblon	4559	Dodo falca	5632	Haem plani	6341	Mela linar	7426	Saro fasti
0368	Bank serra 1	4566	Dodo multi	1562	Hake dacty 4	7288	Mela styph	7431	Scae a.alb
2285	Bank s.col	1093	Dodo triqu 2	1571	Hake seric	6345	Mela thymi	3023	Scae ramos
2295	Bank s.spi 2	4592	Dodo v.vis	5664	Hake t.ter	6381	Micr erico	3030	Schi bifid
0371	Baue rubio	1096	Dood asper	1596	Hard viola	2176	Micr hexan	3039	Scho apogo
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorp	2179	Micr s.sti	3041	Scho brevi
4291	Bill s.sca	4616	Drac secun	5731	Hibb a.asp	2181	Micr cilia	3049	Scho melan 2
2447	Blec ambig	1109	Dros spatu	5735	Hibb circu	2205	Mirb rubii	3057	Scho turbi
0404	Blec carti	4675	Echi c.cae	5736	Hibb c.cis	6409	Mirb s.spe	7523	*Sene madag
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu	2211	Mitr polym	7555	Senn odora
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp	2218	Mono ellip	3133	*Seta graci
0426	Boro ledif	1137	Elae retic 1	5749	Hibb nitid	2220	Mono scopu	7609	Smil glyci 1
0436	Boss ensat	1155	Empo minus	5811	Hove linea	2224	Mori jasmi	3186	Sola prino
0438	Boss heter	1161	Ento margi	5830	Hydr pedun	6492	Note longi	3231	Spre incar
0439	Boss obcor 1	3790	Ento stric 2	1741	Hype gram	6495	Note longi	3261	Stic f.fla 2
0440	Boss prost	5250	Epac m.mic	1744	*Hype perfo	2282	Note venos	3305	Styl laric
2624	Boss scolo	4788	Epac pulch 2	5854	*Hypo radic	6556	Olea micro	7726	Styp l.lae
2696	Brac d.dap	4791	Epac p.pur	5867	Impe c.maj	6570	Olea visci	7794	Telo speci
2879	Brun austr	1185	Erag brown	1761	Indi austr	2339	Oper asper	7827	Them austr
0512	Burc umbel	1187	*Erag curvu	5906	Isop anemo 1	2340	Oper hispi	3406	Tode barba 2
0515	Burs s.spi	4893	Erio austr	5907	Isop aneth	6580	Opli imbec	3421	Tric elati
4340	Caes p.min	4923	Euca acmen	1814	Junc conti	9652	Opun spp.	7875	Tric simpl
0557	Cale major	1243	Euca agglo	1845	Junc usita	2386	Oxal peren	3458	Tris lauri
0562	Call citri	4991	Euca crebr	1846	Junc vagin	9662	Oxal spp.	3496	*Verb bonar
3236	Call linea	5016	Euca eugen	1847	Kenn prost	6630	Ozot diosm	7975	Vern c.cin
0567	Call subul	5020	Euca fibro	1848	Kenn rubic	6647	Pand p.pan	3512	Vero plebe
0887	Calo dubia	1281	Euca globo	1854	Kunz ambig	2408	Pani simil	3523	Vimi junce
0609	Caly tetra	5033	Euca haema	6004	Lamb formo 2	2430	*Pasp dilat	8033	Wahl s.str
4681	Cass glabe	5077	Euca moluc	1873	Lasi f.fer 3	2436	Pate glabr	8049	West longi
4680	Cass glabe	5089	Euca oblon	1874	Lasi macro	2438	Pate seric	8061	Wool punge
3559	Cass pubes 2	5114	Euca pilul	6013	Lasi parvi	2449	Pell falca	8078	Xant media 1
0688	Caus flexu	5115	Euca piper 4	6014	Lasi rufum	2451	*Penn cland	8079	Xant m.min
3648	Cent asiat	5138	Euca punct	1889	Laxm graci	6754	Pers bargo	3592	Xant pilos 1
3690	Cera apeta	5142	Euca racem	1917	Lepi conca	6768	Pers lance	3594	Xant tride
3692	Cera gummi 3	5148	Euca r.res	1920	Lepi filif	2464	Pers levis 1	8089	Xylo pyrif
0724	*Cest parqu	5164	Euca scler	1921	Lepi forsy	2465	Pers linea	3605	Zier smith

Hibb. nitida 2

Lom. g.aul. 1

Mart. swar. 1



Vegetation Assessment

Project #: 4200 – Westcliff

Observer: MR, SEW

Date: 28/11/06

Q\

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: WP (12)	Easting 297579	Northing 6212875
Location description: Directly Nth of Brenners ck dam at western edge of Westcliff ppty.		
Photo numbers: 1-3		

Topographical features	
Slope < 5°	Aspect 230°
Outcropping % 5	Surface Rock % < 5°
Soil Type sandstone	Horizon visibility —

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	12	15	15	G.	Euc pip, Euc scleroph, Euc punct
Mid	ST	2	4	15	G	Bank serr, lept trin
Lower	shrub	0.5	1.5	15	G	Bank spin, lamb form
Ground	grass herb	0	0.5	50	G.	Xanth med, Anisopomen, Austrad sp.

Specht	FPC: 100-70%	70-30%	30-10%	<10%
Trees > 30m	Tall closed-forest	Tall open-forest	Tall woodland	Tall open-woodland
Trees 10 – 30m	Closed-forest	Open-forest	Woodland	Open-woodland
Trees 5 – 10m	Low closed-forest	Low open-forest	Low woodland	Low open-woodland
Trees < 5m	V. low closed-forest	V. low open-forest	V. low woodland	V. low open-woodland
Shrubs > 2m	Closed-scrub	Open-scrub	Tall shrubland	Tall open-shrubland
Shrubs 0.25 – 2m				
Sclerophyll	Closed Heathland	Heathland	Open heathland	Sparse heathland
Non-sclerophyll	Low closed-scrub	Low Open-scrub	Low shrubland	Low open-shrubland

Mapped community	UARSW
EECs/Threatened Plants	

General Habitat Description and comments
Fire History: ~2001
Disturbance: Grazing, Roads, Powerlines, Erosion. — fire
Adjacent land: Cleared, Residential, Scattered Trees, Uncleared, Riparian vegetation
RESILIENCE (Natural Soil Profile) Good, Moderate, Poor, Very Poor/native pasture
RESILIENCE (Disturbed Soil Profile) — Permanently altered, Reveg area, Open space/exotic pasture
Weeds and Weed Density: none.
old rabbit? trap — (ph 2+3)
At southern end of Q1, near base of Euc sclerophyll.

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1923	Lepi later	6792	Pers pinif
0423	Acac irror	3773	Chlo stoec	1318	Euca siebe	1927	Lepi neesi	6809	Petr pulch
0489	Acac linif	0755	*Chlo gayan	5187	Euca teret	1930	Lepi uroph	6810	Petr sessi
5128	Acac longi	0782	*Cirs vulga	3749	Euch invol	1938	Lept tenax	2500	Phyl gunni
0056	Acac mearn	0788	Clem arist	1346	Eust latif	1939	Lept acida	2501	Phyl hirte
0063	Acac myrti	3886	Cono erici	1350	Exoc cupre	1956	Lept conti	2510	*Phyt octan
0068	Acac obtus	3887	Cono l.ang	1353	Exoc stric	1953	Lept emarg	4819	Pime l.lin
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac	6088	Lept junip	2561	*Plan lance
0092	Acac suave	3890	Cono tenui	5336	Gahn asper	1958	Lept lanig	2571	Plat erico
0095	Acac termi	0810	*Cony albid	1387	Gahn clark	6094	Lept morri	6960	Plat linea
0098	Acac ulici	4370	Corr r.ref	1394	Gahn radul	6098	Lept parvi	2575	Plec parvi
0843	Acro divar	1288	Cory gummi	1404	Gali binif	6105	Lept p.pol	4694	Poa l.lab
3650	Acti helia	4378	Cras s.sie	5410	Gera s.sol	1950	Lept trine	2395	Podo ilici
0857	Acti minor	4069	Crot verre	1440	Glei dicar	6121	Lepy scari	7012	Poly calyc
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	1978	Leuc erico	2655	Poma disco
5449	Adia h.his	0899	Cyat diand	1455	Glyc claud	1982	Leuc junip	7043	Poma e.ell
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac	1983	Leuc l.lan	2658	Poma ferru
0677	Allo litto	0907	Cyno dacty	9417	Gnap spp.	6145	Leuc setig	2673	Poma inter
5383	Allo torul	0953	Damp purpu	5460	Gomp grand	1995	Leuc virga	2660	Poma lanig
0206	Ampe x.xip	0958	Damp stric	3748	Gomp incon	2003	*Ligu sinen	4837	Poma p.phy
4527	*Andr virgi	4246	Darw grand	5461	Gomp minus	2014	Lind linea	2677	Poma umbel
1345	Ango baker	4270	Davi corym	1486	Gono m.mic	2015	Lind micro	2682	Pora corym
5389	Ango costa	0995	Davi genis	1489	Gono tetra	6162	Lipa refle	7060	Pora erici
0231	Anis avena	4429	Davi u.uli	1490	Gono teucr	6168	Liss s.str	7082	Prat purpu
0237	Aotu erico	4323	Dend speci	1494	Good b.bel	9546	Loga spp.	7121	Pros s.sax
1589	Aris vagan	4369	Desm rhyti	4543	Good h.hed	4163	Loma cylin	7148	Pseu pimel
0269	Arth mille	4425	Desm varia	5490	Good h.egl	4709	Loma f.cor	2777	Pter escul
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	4710	Loma f.fil	7203	Ptil deust
0305	Astr pinif	4398	Dian c.pro	1514	Good stell	2046	Loma longi	7232	Pult ellip
1782	Astr latif	4408	Dian r.rev	5525	Grev d.dif	4711	Loma m.tub	2857	Pult linop
0981	Aust tenui	5797	Dich micra	5567	Grev longi	2048	Loma m.mul	5685	Pult micro
2156	Back myrti	1036	Dich repen	5573	Grev mucro	6192	Loma obliq	2871	Pult scabr
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi	2052	Loma myric	7262	Pult villo
0355	Baec linif	4476	Dill flori	5583	Grev p.par	6196	Loma silai	2883	Pyrr rupes
2222	Balo graci	4480	Dill phyli	5596	Grev s.ser	6332	Mela decor	2916	Rapa howit
2255	Bank e.eri	4481	Dill retor	5603	Grev sphac	6334	Mela erube	7354	*Rubu fruit
0363	Bank margi	5934	Dill rudis	5631	Haem corym	6338	Mela hyper	2956	Rubu parvi
2269	Bank oblon	4559	Dodo falca	5632	Haem plani	6341	Mela linar	7426	Saro fasti
0366	Bank serra	4566	Dodo multi	5662	Hake dacty	7288	Mela styph	7431	Scae a.alb
2285	Bank s.col	1093	Dodo triqu	5671	Hake seric	6345	Mela thymi	3023	Scae ramos
2295	Bank s.spi	4592	Dodo v.vis	5664	Hake t.ter	6381	Micr erico	3030	Schi bifid
0371	Baue rubio	1096	Dood asper	5596	Hard viola	2176	Micr hexan	3039	Scho apogo
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorp	2179	Micr s.sti	3041	Scho brevi
4291	Bill s.sca	4616	Drac secun	5731	Hibb a.asp	2181	Micr cilia	3049	Scho melan
2447	Blec ambig	1109	Dros spatu	5735	Hibb circu	2205	Mirb rubii	3057	Scho turbi
0404	Blec carti	4675	Echi c.cae	5736	Hibb c.cis	6409	Mirb s.spe	7523	*Sene madag
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu	2211	Mitr polym	7555	Senn odora
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp	2218	Mono ellip	3133	*Seta graci
0426	Boro ledif	1137	Elae retic	5749	Hibb nitid	2220	Mono scopa	7609	Smil glyci
0436	Boss ensat	1155	Empo minus	5811	Hove linea	2224	Mori jasmi	3186	Sola prino
0438	Boss heter	1161	Ento margi	5830	Hydr pedun	6492	Note longi	3231	Spre incar
0439	Boss obcor	3790	Ento stric	1741	Hype gram	6495	Note longi	3261	Stic f.fla
0440	Boss prost	5250	Epac m.mic	1744	*Hype perfo	2282	Note venos	3305	Styl latic
2624	Boss scolo	4788	Epac pulch	5854	*Hypo radic	6556	Olea micro	7726	Styp l.lae
2696	Brac d.dap	4791	Epac p.pur	5867	Impe c.maj	6570	Olea visci	7794	Telo speci
2879	Brun austr	1185	Erag brown	1761	Indi austr	2339	Oper asper	7827	Them austr
0512	Burc umbel	1187	*Erag curvu	5906	Isop anemo	2340	Oper hispi	3406	Tode barba
0515	Burs s.spi	4893	Erio austr	5907	Isop aneth	6580	Opli imbec	3421	Tric elati
4340	Caes p.min	4923	Euca acmen	1814	Junc conti	9652	Opun spp.	7875	Tric simpl
0557	Cale major	1243	Euca agгло	1845	Junc usita	2386	Oxal peren	3458	Tris lauri
0562	Call citri	4991	Euca crebr	1846	Junc vagin	9662	Oxal spp.	3496	*Verb bonar
3236	Call linea	5016	Euca eugen	1847	Kenn prost	6630	Ozot diosm	7975	Vern c.cin
0567	Call subul	5020	Euca fibro	1848	Kenn rubic	6647	Pand p.pan	3512	Vero plebe
0887	Calo dubia	1281	Euca globo	1854	Kunz ambig	2408	Pani simil	3523	Vimi junce
0609	Caly tetra	5033	Euca haema	6004	Lamb formo	2430	*Pasp dilat	8033	Wahl s.str
4681	Cass glabe	5077	Euca moluc	1873	Lasi f.fer	2436	Pate glabr	8049	West longi
4680	Cass glabe	5089	Euca oblon	1874	Lasi macro	2438	Pate seric	8061	Wool punge
3559	Cass pubes	5114	Euca pilul	6013	Lasi parvi	2449	Pell falca	8078	Xant media
0688	Caus flexu	5115	Euca piper	6014	Lasi rufum	2451	*Penn cland	8079	Xant m.min
3648	Cent asiat	5138	Euca punct	1889	Laxm graci	6754	Pers bargo	3592	Xant pilos
3690	Cera apeta	5142	Euca racem	1917	Lepi conca	6768	Pers lance	3594	Xant tride
3692	Cera gummi	5148	Euca r.res	1920	Lepi filif	2464	Pers levis	8089	Xylo pyrif
0724	*Cest parqu	5164	Euca scler	1921	Lepi forsy	2465	Pers linea	3605	Zier smith

3 Austrodon sp. ✓ 1 stylid gram -
2 Ptiloth deus 1 thysonotus tuberif -

500323.



Vegetation Assessment

Project #: 4200 – Westcliff

Observer: MR, SEW

Date: 28/11/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: (14) Q3	Easting 298365	Northing 6212915
Location description: Nth of Brennans ck Dam Rd.		
Photo numbers: 5		

Topographical features	
Slope <1°	Aspect 290°
Outcropping % 0	Surface Rock % <5%
Soil Type sandstone	Horizon visibility —

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	12	15	10	G	Euca scler, corym gum,
Mid	ST	2	4	20	G	Bank serr, lept trin
Lower	shrub	0.5	1	25	G	Bank spin lamb form, kopog aném, flake dact
Ground	grass sedge	0	0.5	60	G	Cyathoch ed diand, lomand spp.

Specht	FPC: 100-70%	70-30%	30-10%	<10%
Trees > 30m	Tall closed-forest	Tall open-forest	Tall woodland	Tall open-woodland
Trees 10 – 30m	Closed-forest	Open-forest	Woodland	<u>Open-woodland</u>
Trees 5 – 10m	Low closed-forest	Low open-forest	Low woodland	Low open-woodland
Trees < 5m	V. low closed-forest	V. low open-forest	V. low woodland	V. low open-woodland
Shrubs > 2m	Closed-scrub	Open-scrub	Tall shrubland	Tall open-shrubland
Shrubs 0.25 – 2m				
Sclerophyll	Closed Heathland	Heathland	Open heathland	Sparse heathland
Non-sclerophyll	Low closed-scrub	Low Open-scrub	Low shrubland	Low open-shrubland

Mapped community	ESSW
EECs/Threatened Plants	

General Habitat Description and comments
Fire History: ~2001
Disturbance: Grazing, Roads, Powerlines, Erosion. — Nil
Adjacent land: Cleared, Residential, Scattered Trees, <u>Uncleared</u> Riparian vegetation
RESILIENCE (Natural Soil Profile) — <u>Good</u> , Moderate, Poor, Very Poor/native pasture
RESILIENCE (Disturbed Soil Profile) — Permanently altered, Reveg area, Open space/exotic pasture
Weeds and Weed Density: No weeds.
Broken bottles.

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1923	Lepi later	6792	Pers pinif
0423	Acac irror	3773	Chlo stoec	1318	Euca siebe	1927	Lepi neesi	6809	Petr pulch
2 0489	Acac linif	0755	*Chlo gayan	5187	Euca teret	1930	Lepi uroph	6810	Petr sessi
5128	Acac longi	0782	*Cirs vulga	3749	Euch invol	1938	Lept tenax	2500	Phyl gunni
0056	Acac mearn	0788	Clem arist	1346	Eust latif	1939	Lept acida	2501	Phyl hirte
1 0063	Acac myrti	3886	Cono erici	1350	Exoc cupre	1956	Lept conti	2510	*Phyt octan
0068	Acac obtus	2 3887	Cono l.ang	1353	Exoc stric	1953	Lept emarg	1 4819	Pime l.lin
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac	6088	Lept junip	2561	*Plan lance
2 0092	Acac suave	3890	Cono tenui	5336	Gahn asper	1958	Lept lanig	2571	Plat erico
0093	Acac termi	0810	*Cony albid	1387	Gahn clark	6094	Lept morri	1 6960	Plat linea
0098	Acac ulici	4370	Corr r.ref	1394	Gahn radul	6098	Lept parvi	2575	Plec parvi
0843	Acro divar	3 1288	Cory gummi	1404	Gali binif	6105	Lept p.pol	4694	Poa l.lab
3650	Acti helia	4378	Cras s.sie	5410	Gera s.sol	4 1950	Lept trine	2395	Podo ilici
3 0857	Acti minor	4069	Crot verre	1440	Glei dicar	6121	Lepy scari	7012	Poly calyc
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	1978	Leuc erico	2655	Poma disco
5449	Adia h.his	5 0899	Cyat diand	1455	Glyc claud	1982	Leuc junip	7043	Poma e.ell
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac	1983	Leuc l.lan	2658	Poma ferru
0677	Allo litto	0907	Cyno dacty	9417	Gnap spp.	6145	Leuc setig	2673	Poma inter
5383	Allo torul	0953	Damp purpu	5460	Gomp grand	1995	Leuc virga	2660	Poma lanig
0206	Ampe x.xip	1 0958	Damp stric	3748	Gomp incon	2003	*Ligu sinen	4837	Poma p.phy
4527	*Andr virgi	4246	Darw grand	5461	Gomp minus	2014	Lind linea	2677	Poma umbel
1345	Ango baker	4270	Davi corym	1486	Gono m.mic	2015	Lind micro	2682	Pora corym
5389	Ango costa	0995	Davi genis	1 1489	Gono tetra	6162	Lipa refle	2 7060	Pora erici
3 0231	Anis avena	4429	Davi u.uli	1490	Gono teucr	6168	Liss s.str	7082	Prat purpu
0237	Aotu erico	4323	Dend speci	1494	Good b.bel	9546	Loga spp.	7121	Pros s.sax
1589	Aris vagan	4369	Desm rhyti	4543	Good h.hed	4163	Loma cylin	7148	Pseu pimel
0269	Arth mille	4425	Desm varia	5490	Good h.egl	1 4709	Loma f.cor	2777	Pter escul
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	4 4710	Loma f.fil	1 7203	Ptil deust
0305	Astr pinif	4398	Dian c.pro	1514	Good stell	2046	Loma longi	2 7232	Pult ellip
1782	Astr latif	4408	Dian r.rev	1 5525	Grev d.dif	4711	Loma m.tub	2857	Pult linop
0981	Aust tenui	5797	Dich micra	5567	Grev longi	2048	Loma m.mul	5685	Pult micro
2156	Back myrti	1036	Dich repen	5573	Grev mucro	6192	Loma obliq	2871	Pult scabr
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi	2052	Loma myric	7262	Pult villo
0355	Baec linif	3 4476	Dill flori	5583	Grev p.par	6196	Loma silai	2883	Pyrp rupes
2222	Balo graci	4480	Dill phyli	5596	Grev s.ser	6332	Mela decor	2916	Rapa howit
2255	Bank e.eri	1 4481	Dill retor	2 5603	Grev sphac	6334	Mela erube	7354	*Rubu fruit
0363	Bank margi	5934	Dill rudis	5631	Haem corym	6338	Mela hyper	2956	Rubu parvi
2269	Bank oblon	4559	Dodo falca	5632	Haem plani	6341	Mela linar	7426	Saro fasti
3 0366	Bank serra	4566	Dodo multi	2 5662	Hake dacty	7288	Mela styph	7431	Scae a.alb
2285	Bank s.col	1093	Dodo triqu	2 5671	Hake seric	6345	Mela thymi	3023	Scae ramos
4 2295	Bank s.spi	4592	Dodo v.vis	5664	Hake t.ter	6381	Micr erico	3030	Schi bifid
0371	Baue rubio	1096	Dood asper	1596	Hard viola	2176	Micr hexan	3039	Scho apogo
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorp	2179	Micr s.sti	3041	Scho brevi
4291	Bill s.sca	4616	Drac secun	5731	Hibb a.asp	2181	Micr cilia	3049	Scho melan
2447	Blec ambig	1109	Dros spatu	5735	Hibb circ	2205	Mirb rubii	3057	Scho turbi
0404	Blec carti	4675	Echi c.cae	3 5736	Hibb c.cis	6409	Mirb s.spe	7523	*Sene madag
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu	2211	Mitr polym	7555	Senn odora
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp	2218	Mono ellip	3133	*Seta graci
0426	Boro ledif	1137	Elae retic	5749	Hibb nitid	2220	Mono scop	7609	Smil glyci
0436	Boss ensat	1155	Empo minus	5811	Hove linea	2224	Mori jasm	3186	Sola prino
2 0438	Boss heter	1161	Ento margi	5830	Hydr pedun	6492	Note longi	3231	Spre incar
0439	Boss obcor	2 3790	Ento stric	1741	Hype gram	6495	Note longi	3261	Stic f.fla
0440	Boss prost	5250	Epac m.mic	1744	*Hype perfo	2282	Note venos	3305	Styl latic
1 2624	Boss scolo	4788	Epac pulch	5854	*Hypo radic	6556	Olea micro	7726	Styp l.lae
2696	Brac d.dap	4791	Epac p.pur	5867	Impe c.maj	6570	Olea visci	7794	Telo speci
2879	Brun austr	1185	Erag brown	1761	Indi austr	2339	Oper asper	7827	Them austr
0512	Burc umbel	1187	*Erag curvu	3 5906	Isop anemo	2340	Oper hispi	3406	Tode barba
0515	Burs s.spi	2 4893	Erio austr	5907	Isop aneth	6580	Opli imbec	3421	Tric elati
4340	Caes p.min	4923	Euca acmen	1814	Junc conti	9652	Opun spp.	7875	Tric simpl
0557	Cale major	1243	Euca aggro	1845	Junc usita	2386	Oxal peren	3458	Tris lauri
0562	Call citri	4991	Euca crebr	1846	Junc vagin	9662	Oxal spp.	3496	*Verb bonar
3236	Call linea	5016	Euca eugen	1847	Kenn prost	6630	Ozot diosm	7975	Vern c.cin
0567	Call subul	5020	Euca fibro	1848	Kenn rubic	6647	Pand p.pan	3512	Vero plebe
0887	Calo dubia	1281	Euca globo	1854	Kunz ambig	2408	Pani simil	3523	Vimi junce
0609	Caly tetra	5033	Euca haema	2 6004	Lamb formo	2430	*Pasp dilat	8033	Wahl s.str
4681	Cass glabe	5077	Euca moluc	1873	Lasi f.fer	1 2436	Pate glabr	8049	West longi
1 4680	Cass glabe	5089	Euca oblon	1874	Lasi macro	2438	Pate seric	8061	Wool punge
3559	Cass pubes	5114	Euca pilul	6013	Lasi parvi	2449	Pell falca	2 8078	Xant media
0688	Caus flexu	5115	Euca piper	6014	Lasi rufum	2451	*Penn claud	8079	Xant m.min
3648	Cent asiat	5138	Euca punct	1889	Laxm graci	6754	Pers bargo	3592	Xant pilos
3690	Cera apeta	5142	Euca racem	1917	Lepi conca	6768	Pers lance	3594	Xant tride
3692	Cera gummi	5148	Euca r.res	1920	Lepi filif	2 2464	Pers levis	8089	Xylo pyrif
0724	*Cest parqu	3 5164	Euca scler	1921	Lepi forsy	2465	Pers linea	3605	Zier smith

1 Acac echinilla
1 Hybanthus monopetalus



Vegetation Assessment

Q4

Project #: 4200 – Westcliff

Observer: SEW + MR

Date: 28/11/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: WP 15	Easting 2 9 8 9 2 2	Northing 6 2 1 2 2 7 7
Location description: NE of coalwash pile		
Photo numbers: 6		

Topographical features	
Slope 10	Aspect southerly
Outcropping % 20%	Surface Rock % 5%
Soil Type sandstone	Horizon visibility —

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species	
Upper	T	15	20	40	G	Euca piperita.	
Mid	ST	4	6	20	G	Bank serr, juvenile Eucs	
Lower	shrub	1	3	50	G	lept polyg, Dodon triqu, Acac tern Bank serrat, Hake seric	
Ground	fern grass	0	0.5	15	G	Pterid escul, Austrod sp, cyathoch dand	
Specht		FPC: 100-70%		70-30%		30-10%	<10%
Trees > 30m		Tall closed-forest		Tall open-forest		Tall woodland	Tall open-woodland
Trees 10 – 30m		Closed-forest		Open-forest		Woodland	Open-woodland
Trees 5 – 10m		Low closed-forest		Low open-forest		Low woodland	Low open-woodland
Trees < 5m		V. low closed-forest		V. low open-forest		V. low woodland	V. low open-woodland
Shrubs > 2m		Closed-scrub		Open-scrub		Tall shrubland	Tall open-shrubland
Shrubs 0.25 – 2m							
Sclerophyll		Closed Heathland		Heathland		Open heathland	Sparse heathland
Non-sclerophyll		Low closed-scrub		Low Open-scrub		Low shrubland	Low open-shrubland
Mapped community		SGPF					
EECs/Threatened Plants							

[illegible]

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1	1923	Lepi later	3	6792	Pers pinif	
0423	Acac irror	3773	Chlo stoec	1318	Euca siebe		1927	Lepi neesi		6809	Petr pulch	
0489	Acac linif	0755	*Chlo gayan	5187	Euca teret		1930	Lepi uroph		6810	Petr sessi	
2	5128	Acac longi	0782	*Cirs vulga	3749	Euch invol		1938	Lept tenax		2500	Phyl gunni
0056	Acac mearn	0788	Clem arist	1346	Eust latif	1	1939	Lept acida	1	2501	Phyl hirte	
0063	Acac myrti	3886	Cono erici	1350	Exoc cupre		1956	Lept conti		2510	*Phyt octan	
0068	Acac obtus	3887	Cono l.ang	2X	1353	Exoc stric		1953	Lept emarg		4819	Pime l.lin
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac		6088	Lept junip		2561	*Plan lance	
0092	Acac suave	3890	Cono tenui	5336	Gahn asper		1958	Lept lanig		2571	Plat erico	
2	0095	Acac termi	0810	*Cony albid	1387	Gahn clark		6094	Lept morri	2	6960	Plat linea
0098	Acac ulici	4370	Corr r.ref	1394	Gahn radul		6098	Lept parvi		2575	Plec parvi	
0843	Acro divar	2	1288	Cory gummi	1404	Gali binif	2	6105	Lept p.pol		4694	Poa l.lab
3650	Acti helia	4378	Cras s.sie	5410	Gera s.sol		1950	Lept trine		2395	Podo ilici	
0857	Acti minor	4069	Crot verre	1440	Glei dicar		6121	Lepy scari		7012	Poly calyc	
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	2	1978	Leuc erico		2655	Poma disco	
5449	Adia h.his	2	0899	Cyat diand	1455	Glyc claud		1982	Leuc junip	1X	7043	Poma e.ell
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac		1983	Leuc l.lan		2658	Poma ferru	
0677	Allo litto	0907	Cyno dacty	9417	Gnap spp.		6145	Leuc setig		2673	Poma inter	
5383	Allo torul	0953	Damp purpu	5460	Gomp grand		1995	Leuc virga		2660	Poma lanig	
0206	Ampe x.xip	0958	Damp stric	3748	Gomp incon		2003	*Ligu sinen		4837	Poma p.phy	
4527	*Andr virgi	4246	Darw grand	5461	Gomp minus		2014	Lind linea		2677	Poma umbel	
1345	Ango baker	4270	Davi corym	1486	Gono m.mic		2015	Lind micro		2682	Pora corym	
5389	Ango costa	0995	Davi genis	1489	Gono tetra		6162	Lipa refle		7060	Pora erici	
0231	Anis avena	4429	Davi u.uli	1490	Gono teucr		6168	Liss s.str		7082	Prat purpu	
0237	Aotu erico	4323	Dend speci	1494	Good b.bel		9546	Loga spp.		7121	Pros s.sax	
1589	Aris vagan	4369	Desm rhyti	4543	Good h.hed	1	4163	Loma cylin		7148	Pseu pimel	
0269	Arth mille	4425	Desm varia	5490	Good h.egl		4709	Loma f.cor	2	2777	Pter escul	
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	1	4710	Loma f.fil		7203	Ptil deust	
0305	Astr pinif	4398	Dian c.pro	1514	Good stell	1	2046	Loma longi		7232	Pult ellip	
1782	Astr latif	4408	Dian r.rev	5525	Grev d.dif	2	4711	Loma m.tub		2857	Pult linop	
0981	Aust tenui	5797	Dich micra	5567	Grev longi		2048	Loma m.mul		5685	Pult micro	
2156	Back myrti	1036	Dich repen	1	5573	Grev mucro	1	6192	Loma obliq		2871	Pult scabr
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi		2052	Loma myric		7262	Pult villo	
0355	Baec linif	2	4476	Dill flori	5583	Grev p.par	1	6196	Loma silai		2883	Pyrr rupes
2222	Balo graci	4480	Dill phyli	5596	Grev s.ser		6332	Mela decor		2916	Rapa howit	
2255	Bank e.eri	1	4481	Dill retor	5603	Grev sphac		6334	Mela erube		7354	*Rubu fruit
0363	Bank margi	5934	Dill rudis	5631	Haem corym		6338	Mela hyper		2956	Rubu parvi	
2269	Bank oblon	4559	Dodo falca	5632	Haem plani		6341	Mela linar		7426	Saro fasti	
3	0366	Bank serra	4566	Dodo multi	1562	Hake dacty		7288	Mela styph		7431	Scae a.alb
2285	Bank s.col	4	1093	Dodo triqu	1	1571	Hake seric		6345	Mela thymi	3023	Scae ramos
3	2295	Bank s.spi	4592	Dodo v.vis	5664	Hake t.ter		6381	Micr erico		3030	Schi bifid
0371	Baue rubio	1096	Dood asper	1596	Hard viola		2176	Micr hexan		3039	Scho apogo	
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorp		2179	Micr s.sti		3041	Scho brevi	
1	4291	Bill s.sca	4616	Drac secun	5731	Hibb a.asp		2181	Micr cilia		3049	Scho melan
2447	Blec ambig	1109	Dros spatu	5735	Hibb circu		2205	Mirb rubii		3057	Scho turbi	
0404	Blec carti	4675	Echi c.cae	5736	Hibb c.cis	1X	6409	Mirb s.spe		7523	*Sene madag	
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu		2211	Mitr polym		7555	Senn odora	
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp		2218	Mono ellip		3133	*Seta graci	
0426	Boro ledif	1137	Elae retic	5749	Hibb nitid		2220	Mono scopu	1	7609	Smil glyci	
0436	Boss ensat	1155	Empo minus	5811	Hove linea		2224	Mori jasmi		3186	Sola prino	
0438	Boss heter	1161	Ento margi	5830	Hydr pedun		6492	Note longi		3231	Spre incar	
1	0439	Boss obcor	2	3790	Ento stric		6495	Note longi		3261	Stic f.fla	
0440	Boss prost	5250	Epac m.mic	1744	*Hype perfo		2282	Note venos	2	3305	Styl laric	
2624	Boss scolo	1	4788	Epac pulch	5854	*Hypo radic		6556	Olea micro		7726	Styp l.lae
2696	Brac d.dap	4791	Epac p.pur	5867	Impe c.maj		6570	Olea visci		7794	Telo speci	
2879	Brun austr	1185	Erag brown	1761	Indi austr		2339	Oper asper		7827	Them austr	
0512	Burc umbel	1187	*Erag curvu	5906	Isop anemo		2340	Oper hispi		3406	Tode barba	
0515	Burs s.spi	1	4893	Erio austr	5907	Isop aneth		6580	Opli imbec		3421	Tric elati
4340	Caes p.min	4923	Euca acmen	1814	Junc conti		9652	Opun spp.		7875	Tric simpl	
0557	Cale major	1243	Euca agglo	1845	Junc usita		2386	Oxal peren		3458	Tris lauri	
0562	Call citri	4991	Euca crebr	1846	Junc vagin		9662	Oxal spp.		3496	*Verb bonar	
3236	Call linea	5016	Euca eugen	1847	Kenn prost		6630	Ozot diosm		7975	Vern c.cin	
0567	Call subul	5020	Euca fibro	1848	Kenn rubic		6647	Pand p.pan		3512	Vero plebe	
0887	Calo dubia	1281	Euca globo	1854	Kunz ambig		2408	Pani simil		3523	Vimi junce	
0609	Caly tetra	5033	Euca haema	6004	Lamb formo		2430	*Pasp dilat		8033	Wahl s.str	
4681	Cass glabe	5077	Euca moluc	1873	Lasi f.fer	1	2438	Pate glabr		8049	West longi	
4680	Cass glabe	5089	Euca oblon	1874	Lasi macro		2438	Pate seric		8061	Wool punge	
1	3559	Cass pubes	5114	Euca pilul	6013	Lasi parvi		2449	Pell falca		8078	Xant media
0688	Caus flexu	4	5115	Euca piper	6014	Lasi rufum		2451	*Penn claud		8079	Xant m.min
3648	Cent asiat	5138	Euca punct	1889	Laxm graci		6754	Pers bargo		3592	Xant pilos	
3690	Cera apeta	5142	Euca racem	1917	Lepi conca		6768	Pers lance	1	3594	Xant tride	
2	3692	Cera gummi	5148	Euca r.res	1920	Lepi filif	1	2464	Pers levis		8089	Xylo pyrif
0724	*Cest parqu	5164	Euca scler	1921	Lepi forsy	2	2465	Pers linea		3605	Zier smith	

1 X pulten daph
2 Austrod sp. lang.



Vegetation Assessment

Project #: 4200 – Westcliff

Observer: *19 / 6 JS*Date: *28/11/06*

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: <i>WP006</i>	Easting <i>297357</i>	Northing <i>6212261</i>
Location description:		
Photo numbers: <i>100 - 0003</i>		

Topographical features	
Slope <i>5%</i>	Aspect <i>WEST</i>
Outcropping % <i>0</i>	Surface Rock % <i><5%</i>
Soil Type <i>SAND</i>	Horizon visibility <i>100</i>

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	<i>T</i>	<i>8</i>	<i>12</i>	<i>20</i>	<i>6</i>	<i>Long gum Euc. oblong</i>
Mid	<i>SMT</i>	<i>4</i>	<i>8</i>	<i>25</i>	<i>6</i>	<i>" "</i>
Lower	<i>Sh</i>	<i>1</i>	<i>4</i>	<i>25</i>	<i>6</i>	<i>Lepto trin, Eriost, Bank sp.</i>
Ground	<i>Sclerophyll Herbs</i>	<i>0</i>	<i>0.5</i>	<i>40</i>	<i>6</i>	<i>Cyathod. diad, Denth. H. bb rip.,</i>

Specht	FPC: 100-70%	70-30%	30-10%	<10%
Trees > 30m	Tall closed-forest	Tall open-forest	Tall woodland	Tall open-woodland
Trees 10 – 30m	Closed-forest	Open-forest	Woodland	Open-woodland
Trees 5 – 10m	Low closed-forest	Low open-forest	Low woodland	Low open-woodland
Trees < 5m	V. low closed-forest	V. low open-forest	V. low woodland	V. low open-woodland
Shrubs > 2m	Closed-scrub	Open-scrub	Tall shrubland	Tall open-shrubland
Shrubs 0.25 – 2m				
Sclerophyll	Closed Heathland	Heathland	Open heathland	Sparse heathland
Non-sclerophyll	Low closed-scrub	Low Open-scrub	Low shrubland	Low open-shrubland

Mapped community	<i>ESSW</i>
EECs/Threatened Plants	<i>-</i>

General Habitat Description and comments
Fire History: <i>3 years</i>
Disturbance: Grazing, Roads, Powerlines, Erosion, <i>Fire</i>
Adjacent land: Cleared, Residential, Scattered Trees, <i>Uncleared</i> , Riparian vegetation <i>Roads / easements</i>
RESILIENCE (Natural Soil Profile) <i>Good</i> Moderate, Poor, Very Poor/native pasture
RESILIENCE (Disturbed Soil Profile) – Permanently altered, Reveg area, Open space/exotic pasture
Weeds and Weed Density: <i>0% weed density</i>
<i>- Healthy post fire ESSW.</i>
<i>- Leaf litter + logs.</i>
<i>- Euc. laevis, a dominant in adjacent veg.</i>

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1923	Lepi later	6792	Pers pinif
0423	Acac irror	3773	Chlo stoec	1318	Euca siebe	1927	Lepi neesi	6809	Petr pulch
0489	Acac linif	0755	*Chlo gayan	5187	Euca teret	1930	Lepi uroph	6810	Petr sessi
5128	Acac longi	0782	*Cirs vulga	3749	Euch invol	1938	Lept tenax	2500	Phyl gunni
0056	Acac mearn	0788	Clem arist	1346	Eust latif	1939	Lept acida	2501	Phyl hirte 2
0063	Acac myrti 1	3886	Cono erici	1350	Exoc cupre	1956	Lept conti	2510	*Phyt octan
0068	Acac obtus	3887	Cono l.ang 1	1353	Exoc stric	1953	Lept emarg	4819	Pime l.lin
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac	6088	Lept junip	2561	*Plan lance
0092	Acac suave	3890	Cono tenui	5336	Gahn asper	1958	Lept lanig	2571	Plat erico
0095	Acac termi 1	0810	*Cony albid	1387	Gahn clark	6094	Lept morri	6960	Plat linea 3
0098	Acac ulici 2	4370	Corr r.ref	1394	Gahn radul	6098	Lept parvi	2575	Plec parvi
0843	Acro divar	1288	Cory gummi 4	1404	Gali binif	6105	Lept p.pol	4694	Poa l.lab
3650	Acti helia	4378	Cras s.sie	5410	Gera s.sol	1950	Lept trine 4	2395	Podo ilici
0857	Acti minor	4069	Crot verre	1440	Glei dicar	6121	Lepy scari 3	7012	Poly calyc
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	1978	Leuc erico	2655	Poma disco
5449	Adia h.his	0899	Cyat diand	1455	Glyc claud	1982	Leuc junip	7043	Poma e.ell
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac	1983	Leuc l.lan	2658	Poma ferru
0677	Allo litto	0907	Cyno dacty	9417	Gnap spp.	6145	Leuc setig	2673	Poma inter
5383	Allo torul	0953	Damp purpu	5460	Gomp grand	1995	Leuc virga	2660	Poma lanig
0206	Ampe x.xip	0958	Damp stric 1	3748	Gomp incon	2003	*Ligu sinen	4837	Poma p.phy
4527	*Andr virgi	4246	Darw grand	5461	Gomp minus	2014	Lind linea 2	2677	Poma umbel
1345	Ango baker	4270	Davi corym	1486	Gono m.mic	2015	Lind micro	2682	Pora corym
5389	Ango costa	0995	Davi genis	1489	Gono tetra	6162	Lipa refle	7060	Pora erici
0231	Anis avena 2	4429	Davi u.uli	1490	Gono teucr	6168	Liss s.str	7082	Prat purpu
0237	Aotu erico	4323	Dend speci	1494	Good b.bel	9546	Loga spp.	7121	Pros s.sax
1589	Aris vagan	4369	Desm rhyti	4543	Good h.hed 1	4163	Loma cylin	7148	Pseu pimel
0269	Arth mille	4425	Desm varia	5490	Good h.egl	4709	Loma f.cor	2777	Pter escul
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	4710	Loma f.fil	7203	Ptil deust
0305	Astr pinif	4398	Dian c.pro	1514	Good stell	2046	Loma longi 1	7232	Pult ellip
1782	Astr latif	4408	Dian r.rev	5525	Grev d.dif 3	4711	Loma m.tub	2857	Pult linop
0981	Aust tenui	5797	Dich micra	5567	Grev longi	2048	Loma m.mul 2	5685	Pult micro
2156	Back myrti	1036	Dich repen	5573	Grev mucro 3	6192	Loma obliq 3	2871	Pult scabr
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi	2052	Loma myric	7262	Pult villo
0355	Baec linif	4476	Dill flori	5583	Grev p.par	6196	Loma silai 2	2883	Pyrr rupes
2222	Balo graci	4480	Dill phyli	5596	Grev s.ser	6332	Mela decor	2916	Rapa howit
2255	Bank e.eri	4481	Dill retor	5603	Grev sphac 3	6334	Mela erube	7354	*Rubu fruit
0363	Bank margi	5934	Dill rudis	5631	Haem corym	6338	Mela hyper	2956	Rubu parvi
2269	Bank oblon	4559	Dodo falca	5632	Haem plani	6341	Mela linar	7426	Saro fasti
0366	Bank serra 1	4566	Dodo multi	1562	Hake dacty 1	7288	Mela styph	7431	Scae a.alb
2285	Bank s.col	1093	Dodo triqu	1571	Hake seric 2	6345	Mela thymi	3023	Scae ramos 2
2295	Bank s.spi 3	4592	Dodo v.vis	5664	Hake t.ter 1	6381	Micr erico	3030	Schi bifid
0371	Baue rubio	1096	Dood asper	1596	Hard viola 1	2176	Micr hexan	3039	Scho apogo
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorp	2179	Micr s.sti	3041	Scho brevi
4291	Bill s.sca 1	4616	Drac secun	5731	Hibb a.asp	2181	Micr cilia	3049	Scho melan
2447	Blec ambig	1109	Dros spatu	5735	Hibb circu	2205	Mirb rubii	3057	Scho turbi
0404	Blec carti	4675	Echi c.cae	5736	Hibb c.cis	6409	Mirb s.spe	7523	*Sene madag
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu	2211	Mitr polym	7555	Senn odora
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp	2218	Mono ellip	3133	*Seta graci
0426	Boro ledif	1137	Elae retic	5749	Hibb nitid	2220	Mono scopa	7609	Smil glyci 1
0436	Boss ensat	1155	Empo minus	5811	Hove linea 1	2224	Mori jasmi	3186	Sola prino
0438	Boss heter	1161	Ento margi	5830	Hydr pedun	6492	Note longi	3231	Spre incar
0439	Boss obcor 1	3790	Ento stric 2	1741	Hype grami	6495	Note longi	3261	Stic f.flu
0440	Boss prost	5250	Epac m.mic	1744	*Hype perfo	2282	Note venos	3305	Styl latic
2624	Boss scolo	4788	Epac pulch	5854	*Hypo radic	6556	Olea micro	7726	Styp l.lae
2696	Brac d.dap 1	4791	Epac p.pur	5867	Impe c.maj	6570	Olea visci	7794	Telo speci
2879	Brun austr	1185	Erag brown	1761	Indi austr	2339	Oper asper	7827	Them austr
0512	Burc umbel	1187	*Erag curvu	5906	Isop anemo 3	2340	Oper hispi	3406	Tode barba
0515	Burs s.spi	4893	Erio austr 3	5907	Isop aneth	6580	Opli imbec	3421	Tric elati
4340	Caes p.min	4923	Euca acmen	1814	Junc conti	9652	Opun spp.	7875	Tric simpl
0557	Cale major	1243	Euca agglo	1845	Junc usita	2386	Oxal peren	3458	Tris lauri
0562	Call citri	4991	Euca crebr	1846	Junc vagin	9662	Oxal spp.	3496	*Verb bonar
3236	Call linea	5016	Euca eugen	1847	Kenn prost	6630	Ozot diosm	7975	Vern c.cin
0567	Call subul	5020	Euca fibro	1848	Kenn rubic	6647	Pand p.pan	3512	Vero plebe
0887	Calo dubia	1281	Euca globo	1854	Kunz ambig	2408	Pani simil	3523	Vimi junce
0609	Caly tetra	5033	Euca haema	6004	Lamb formo 2	2430	*Pasp dilat	8033	Wahl s.str
4681	Cass glabe	5077	Euca moluc	1873	Lasi f.fer	2436	Pate glabr 2	8049	Went longi
4680	Cass glabe	5089	Euca oblon 4	1874	Lasi macro	2438	Pate seric	8061	Wool punge
3559	Cass pubes	5114	Euca pilul	6013	Lasi parvi	2449	Pell falca	8078	Xant media 1
0688	Caus flexu	5115	Euca piper	6014	Lasi rufum	2451	*Penn claud	8079	Xant m.min
3648	Cent asiat	5138	Euca punct	1889	Laxm graci	6754	Pers bargo	3592	Xant pilos 1
3690	Cera apeta	5142	Euca racem	1917	Lepi conca	6768	Pers lance	3594	Xant tride
3692	Cera gummi	5148	Euca r.res	1920	Lepi filif	2464	Pers levis 2	8089	Xylo pyrif
0724	*Cest parqu	5164	Euca scler	1921	Lepi forsy	2465	Pers linea	3605	Zier smith

Don't. lang 5 Lon glauc 2
A.bb. sp. 3 Leuco esp. 1



Vegetation Assessment

Project #: 4200 – Westcliff

Observer: NS & BS

Date: 28/11/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: WP005	Easting 2 9 7 5 4 8	Northing 6 2 1 2 5 1 0
Location description: Adjacent Dam (South)		
Photo numbers: 100-0002		

Topographical features	
Slope <50	Aspect North
Outcropping % Nil	Surface Rock % Nil
Soil Type Sandy	Horizon visibility 500m.

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	Trees	10	15	20	G	Euc. punct, Euc. haen, long gum Euc. oblong.
Mid						
Lower	Shrubs	1	3	40	G	Lepta frim Petro. sess. Isopogon aem. Leptomeria
Ground	Sedges Grass	0	0.5	20	G	Cynodactylon diand. Danthum long.
Specht		FPC: 100-70%		70-30%		30-10% 0
Trees > 30m		Tall closed-forest		Tall open-forest		Tall woodland
Trees 10 – 30m		Closed-forest		Open-forest		Woodland
Trees 5 – 10m		Low closed-forest		Low open-forest		Low woodland
Trees < 5m		V. low closed-forest		V. low open-forest		V. low woodland
Shrubs > 2m		Closed-scrub		Open-scrub		Tall shrubland
Shrubs 0.25 – 2m						
Sclerophyll		Closed Heathland		Heathland		Open heathland
Non-sclerophyll		Low closed-scrub		Low Open-scrub		Low shrubland
Mapped community			WSGF			
EECs/Threatened Plants						

General Habitat Description and comments
Fire History: 75ga.
Disturbance: Grazing, Roads, Powerlines, Erosion. Nil
Adjacent land: Cleared, Residential, Scattered Trees, Uncleared, Riparian vegetation - Dam within 100m.
RESILIENCE (Natural Soil Profile) - Good, Moderate, Poor, Very Poor/native pasture
RESILIENCE (Disturbed Soil Profile) - Permanently altered, Reveg area, Open space/exotic pasture
Weeds and Weed Density: Nil
- Veg in good condition with no disturbances

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1923	Lepi later	6792	Pers pinif 1 ✓
0423	Acac irror	3773	Chlo stoec	1318	Euca siebe	1927	Lepi neesi	6809	Petr pulch
0489	Acac linif 2 ✓	0755	*Chlo gayan	5187	Euca teret	1930	Lepi uroph	6810	Petr sessi 4 ✓
5128	Acac longi	0782	*Cirs vulga	3749	Euch invol	1938	Lept tenax	2500	Phyl gunni
0056	Acac mearn	0788	Clem arist	1346	Eust latif	1939	Lept acida 4 ✓	2501	Phyl hirte 2 ✓
0063	Acac myrti	3886	Cono erici	1350	Exoc cupre	1956	Lept conti	2510	*Phyt octan
0068	Acac obtus	3887	Cono lang 1 ✓	1353	Exoc stric	1953	Lept emarg	4819	Pime l.lin
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac	6088	Lept junip	2561	*Plan lance
0092	Acac suave	3890	Cono tenui	5336	Gahn asper	1958	Lept lanig	2571	Plat erico 1 ✓
0095	Acac termi	0810	*Cony albid	1387	Gahn clark	6094	Lept morri	6960	Plat linea 1 ✓
0098	Acac ulici 1 ✓	4370	Corr r.ref	1394	Gahn radul	6098	Lept parvi	2575	Plec parvi
0843	Acro divar	1288	Cory gummi 2 ✓	1404	Gali binif	6105	Lept p.pol	4694	Poa l.lab
3650	Acti helia	4378	Cras s.sie	5410	Gera s.sol	1950	Lept trine 5 ✓	2395	Podo ilici
0857	Acti minor 3 ✓	4069	Crot verre	1440	Glei dicar	6121	Lepy scari 3 ✓	7012	Poly calyc
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	1978	Leuc erico	2655	Poma disco
5449	Adia h.his	0899	Cyat diand 5 ✓	1455	Glyc claud	1982	Leuc junip	7043	Poma e.ell
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac	1983	Leuc l.lan	2658	Poma ferru
0677	Allo litto 2 ✓	0907	Cyno dacty	9417	Gnap spp.	6145	Leuc setig	2673	Poma inter
5383	Allo torul	0953	Damp purpu	5460	Gomp grand	1995	Leuc virga	2660	Poma lanig
0206	Ampe x.xip	0958	Damp stric	3748	Gomp incon	2003	*Ligu sinen	4837	Poma p.phy
4527	*Andr virgi	4246	Darw grand	5461	Gomp minus 1 ✓	2014	Lind linea	2677	Poma umbel
1345	Ango baker	4270	Davi corym	1486	Gono m.mic	2015	Lind micro	2682	Pora corym
5389	Ango costa	0995	Davi genis	1489	Gono tetra	6162	Lipa refle	7060	Pora erici
0231	Anis avena 2 ✓	4429	Davi u.uli	1490	Gono teucr	6168	Liss s.str	7082	Prat purpu
0237	Aotu erico	4323	Dend speci	1494	Good b.bel	9546	Loga spp.	7121	Pros s.sax
1589	Aris vagan	4369	Desm rhyti	4543	Good h.hed	4163	Loma cylin	7148	Pseu pimel
0269	Arth mille	4425	Desm varia	5490	Good h.egl	4709	Loma f.cor	2777	Pter escul
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	4710	Loma f.fil	7203	Ptil deust
0305	Astr pinif	4398	Dian c.pro	1514	Good stell	2046	Loma longi	7232	Pult ellip
1782	Astr latif	4408	Dian r.rev	5525	Grev d.dif 3 ✓	4711	Loma m.tub	2857	Pult linop
0981	Aust tenui	5797	Dich micra	5567	Grev longi	2048	Loma m.mul	5685	Pult micro
2156	Back myrti	1036	Dich repen	5573	Grev mucro 2 ✓	6192	Loma obliq 1 ✓	2871	Pult scabr
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi	2052	Loma myric	7262	Pult villo
0355	Baec linif	4476	Dill flori	5583	Grev p.par	6198	Loma silai 1 ✓	2883	Pyrr rupes
2222	Balo graci	4480	Dill phylli	5596	Grev s.ser	6332	Mela decor	2916	Rapa howit
2255	Bank e.eri 1 ✓	4481	Dill retor	5603	Grev sphac 1 ✓	6334	Mela erube	7354	*Rubu fruit
0363	Bank margi	5934	Dill rudis	5631	Haem corym	6338	Mela hyper	2956	Rubu parvi
2269	Bank oblon	4559	Dodo falca	5632	Haem plani	6341	Mela linar	7426	Saro fasti
0366	Bank serra	4566	Dodo multi	1562	Hake dacty 2 ✓	7288	Mela styph	7431	Scae a.alb
2285	Bank s.col	1093	Dodo triqu	1571	Hake seric 4 ✓	6345	Mela thymi	3023	Scae ramos
2295	Bank s.spi 2 ✓	4592	Dodo v.vis	1564	Hake t.ter 1 ✓	6381	Micr erico	3030	Schi bifid
0371	Baue rubio	1096	Dood asper	1596	Hard viola	2176	Micr hexan	3039	Scho apogo 1 ✓
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorp	2179	Micr s.sti	3041	Scho brevi 1 ✓
4291	Bill s.sca	4616	Drac secun	5731	Hibb a.asp	2181	Micr cilia	3049	Scho melan
2447	Blec ambig	1109	Dros spatu	5735	Hibb circ	2205	Mirb rubii	3057	Scho turbi
0404	Blec carti	4675	Echi c.cae	5736	Hibb c.cis	6409	Mirb s.spe 3 ✓	7523	*Sene madag
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu	2211	Mitr polym	7555	Senn odora
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp	2218	Mono ellip	3133	*Seta graci
0426	Boro ledif	1137	Elae retic	5749	Hibb nitid	2220	Mono scopa 2 ✓	7609	Smil glyci
0436	Boss ensat	1155	Empo minus	5811	Hove linea	2224	Mori jasmi	3186	Sola prino
0438	Boss heter	1161	Ento margi	5830	Hydr pedun	6492	Note longi	3231	Spre incar
0439	Boss obcor 2 ✓	3790	Ento stric 2 ✓	1741	Hype gram	6495	Note longi	3261	Stic f.fla
0440	Boss prost	5250	Epac m.mic 2 ✓	1744	*Hype perfo	2282	Note venos	3305	Styl latic
2624	Boss scolo	4788	Epac pulch	5854	*Hypo radic	6556	Olea micro	7726	Styp l.lae
2696	Brac d.dap 3 ✓	4791	Epac p.pur	5867	Impe c.maj	6570	Olea visci	7794	Telo speci
2879	Brun austr	1185	Erag brown 1 ✓	1761	Indi austr	2339	Oper asper	7827	Them austr
0512	Burc umbel	1187	*Erag curvu	5906	Isop anemo 3 ✓	2340	Oper hispi	3406	Tode barba
0515	Burs s.spi	4893	Erio austr 3 ✓	5907	Isop aneth	6580	Opli imbec	3421	Tric elati
4340	Caes p.min	4923	Euca acmen	1814	Junc conti	9652	Opun spp.	7875	Tric simpl
0557	Cale major	1243	Euca agglo	1845	Junc usita	2386	Oxal peren	3458	Tris lauri
0562	Call citri	4991	Euca crebr	1846	Junc vagin	9662	Oxal spp.	3496	*Verb bonar
3236	Call linea	5016	Euca eugen	1847	Kenn prost	6630	Ozot diosm	7975	Vern c.cin
0567	Call subul	5020	Euca fibro	1848	Kenn rubic	6647	Pand p.pan	3512	Vero plebe
0887	Calo dubia	1281	Euca globo	1854	Kunz ambig 1 ✓	2408	Pani simil	3523	Vimi junce
0609	Caly tetra	5033	Euca haema 3 ✓	6004	Lamb formo 1 ✓	2430	*Pasp dilat	8033	Wahl s.str
4685	Cass glabe	5077	Euca moluc	1873	Lasi f.fer	2436	Pate glabr	8049	West longi
4680	Cass glabe	5089	Euca oblon 3 ✓	1874	Lasi macro	2438	Pate seric	8061	Wool punge
3559	Cass pubes 2 ✓	5114	Euca pilul	6013	Lasi parvi	2449	Pell falca	8078	Xant media 2 ✓
0688	Caus flexu	5115	Euca piper	6014	Lasi rufum	2451	*Penn claud	8079	Xant m.min
3648	Cent asiat	5138	Euca punct 4 ✓	1889	Laxm graci	6754	Pers bargo	3592	Xant pilos
3690	Cera apeta	5142	Euca racem	1917	Lepi conca	6768	Pers lance	3594	Xant tride
3692	Cera gummi	5148	Euca r.res	1920	Lepi filif	2464	Pers levis 2 ✓	8089	Xylo pyrif
0724	*Cest parqu	5164	Euca scler	1921	Lepi forsy	2465	Pers linea	3605	Zier smith

Danthonia longifolia 4 ✓
Lept. araucaensis 1 ✓
Hibbertia riparia 1 ✓
Lepi. scari 1 ✓
Lom. glauca 3 ✓
Styphelia tetralix 1 ✓
Leuco. esquamata 2 ✓



Q5

Observer: SEW + MR

Date: 28/11/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint: 17	Easting 298495	Northing 6211908
Location description: 130m Nth of Easement		
Photo numbers: 7		

Topographical features	
Slope 2°	Aspect 10°
Outcropping % 0°	Surface Rock % <5%
Soil Type sandstone	Horizon visibility —

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper	T	8	10	20	G	Cory gum, Euc glob,
Mid	ST	2	4	30	G	Bank serr, lept trin, Lepom acido,
Lower	shrub	0.5	1.5	40	G	lamb form, Ross abrad, lept poly, Pers levis, Petro sess
Ground	grass herb	0	0.5	20	G	cyathoch diand, Leonard spp
Specht		FPC: 100-70%		70-30%		30-10%
Trees > 30m		Tall closed-forest		Tall open-forest		Tall woodland
Trees 10 - 30m		Closed-forest		Open-forest		Woodland
Trees 5 - 10m		Low closed-forest		Low open-forest		Low woodland
Trees < 5m		V. low closed-forest		V. low open-forest		V. low woodland
Shrubs > 2m		Closed-scrub		Open-scrub		Tall shrubland
Shrubs 0.25 - 2m						
Sclerophyll		Closed Heathland		Heathland		Open heathland
Non-sclerophyll		Low closed-scrub		Low Open-scrub		Low shrubland
Mapped community		ESSN - scribbles surrounding quadrat				
EECs/Threatened Plants		Persoonia hirsuta.				

[illegible]

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1923	Lepi later	2	6792	Pers pinif			
0423	Acac irror	3773	Chlo stoec	1318	Euca siebe	1927	Lepi neesi	2	6809	Petr pulch			
0489	Acac linif	0755	*Chlo gayan	5187	Euca teret	1930	Lepi uroph	3	6810	Petr sessi			
5128	Acac longi	0782	*Cirs vulga	3749	Euch invol	1938	Lept tenax		2500	Phyl gunni			
0056	Acac mearn	0788	Clem arist	1346	Eust latif	3	1939	Lept acida	✓	2501	Phyl hirte		
0063	Acac myrti	3886	Cono erici	1350	Exoc cupre		1956	Lept conti		2510	*Phyt octan		
0068	Acac obtus	3887	Cono l.ang	1353	Exoc stric		1953	Lept emarg		4819	Pime l.lin		
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac		6088	Lept junip		2561	*Plan lance		
2	0092	Acac suave	3890	Cono tenui	5336	Gahn asper	1958	Lept lanig		2571	Plat erico		
0095	Acac termi	0810	*Cony albid	1387	Gahn clark		6094	Lept morri	2	6960	Plat linea		
0098	Acac ulici	4370	Corr r.ref	1394	Gahn radul		6098	Lept parvi		2575	Plec parvi		
0843	Acro divar	3	1288	Cory gummi	1404	Gali binif	2	6105	Lept p.pol	✓	4694	Poa l.lab	
3650	Acti helia	4378	Cras s.sie	5410	Gera s.sol	3	1950	Lept trine	✓	2395	Podo ilici		
0857	Acti minor	4069	Crot verre	1440	Glei dicar	1	6121	Lepy scari	✓	7012	Poly calyc		
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	1	4978	Leuc erico	✓	2655	Poma disco		
5449	Adia h.his	3	0899	Cyat diand	1455	Glyc cland		1982	Leuc junip		7043	Poma e.ell	
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac		1983	Leuc l.lan		2658	Poma ferru		
0677	Allo litto	0907	Cyno dacty	9417	Gnap spp.		6145	Leuc setig		2673	Poma inter		
5383	Allo torul	0953	Damp purpu	2	5460	Gomp grand	✓	1995	Leuc virga		2660	Poma lanig	
0206	Ampe x.xip	1	0958	Damp stric	3748	Gomp incon		2003	*Ligu sinen	✓	4837	Poma p.phy	
4527	*Andr virgi	4246	Darw grand	1	5461	Gomp minus	1	2014	Lind linea	✓	2677	Poma umbel	
1345	Ango baker	4270	Davi corym	1486	Gono m.mic		2015	Lind micro		2682	Pora corym		
5389	Ango costa	0995	Davi genis	1489	Gono tetra		6162	Lipa refle	1	7060	Pora erici		
2	0231	Anis avena	4429	Davi u.uli	1490	Gono teucr		6168	Liss s.str		7082	Prat purpu	
0237	Aotu erico	4323	Dend speci	1494	Good b.bel		9546	Loga spp.		7121	Pros s.sax		
1589	Aris vagan	4369	Desm rhyti	1	4543	Good h.hed	1	4163	Loma cylin	✓	7148	Pseu pimel	
0269	Arth mille	4425	Desm varia	5490	Good h.egl		4709	Loma f.cor	✓	2777	Pter escul		
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	2	4710	Loma f.fil	✓	7203	Ptil deust		
0305	Astr pinif	4398	Dian c.pro	1514	Good stell		2046	Loma longi		7232	Pult ellip		
1782	Astr latif	4408	Dian r.rev	5525	Grev d.dif		4711	Loma m.tub		2857	Pult linop		
0981	Aust tenui	5797	Dich micra	5567	Grev longi	1	2048	Loma m.mul	✓	5685	Pult micro		
2156	Back myrti	1036	Dich repen	5573	Grev mucro	2	6192	Loma obliq	✓	2871	Pult scabr		
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi		2052	Loma myric		7262	Pult villo		
0355	Baec linif	3	4476	Dill flori	2	5583	Grev p.par	1	6196	Loma silai	✓	2883	Pyrr rupes
2222	Balo graci	4480	Dill phyli	5596	Grev s.ser		6332	Mela decor		2916	Rapa howit		
2	2255	Bank e.eri	4481	Dill retor	5603	Grev sphac		6334	Mela erube		7354	*Rubu fruit	
0363	Bank margi	5934	Dill rudis	5631	Haem corym		6338	Mela hyper		2956	Rubu parvi		
2269	Bank oblon	4559	Dodo falca	5632	Haem plani		6341	Mela linar		7426	Saro fasti		
4	0366	Bank serra	4566	Dodo multi	1562	Hake dacty		7288	Mela styph		7431	Scae a.alb	
2285	Bank s.col	1093	Dodo triqu	2	1571	Hake seric	✓	6345	Mela thymi		3023	Scae ramos	
3	2295	Bank s.spi	4592	Dodo v.vis	5664	Hake t.ter		6381	Micr erico		3030	Schi bifid	
0371	Baue rubio	1096	Dood asper	1596	Hard viola		2176	Micr hexan		3039	Scho apogo		
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorp		2179	Micr s.sti		3041	Scho brevi		
1	4291	Bill s.sca	4616	Drac secun	5731	Hibb a.asp		2181	Micr cilia		3049	Scho melan	
2447	Blec ambig	1109	Dros spatu	5735	Hibb circu		2205	Mirb rubii		3057	Scho turbi		
0404	Blec carti	4675	Echi c.cae	5736	Hibb c.cis		6409	Mirb s.spe		7523	*Sene madag		
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu		2211	Mitr polym		7555	Senn odora		
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp		2218	Mono ellip		3133	*Seta graci		
0426	Boro ledif	1137	Elae retic	5749	Hibb nitid	1	2220	Mono scopu	✓	7609	Smil glyci		
0436	Boss ensat	1155	Empo minus	5811	Hove linea		2224	Mori jasmi		3186	Sola prino		
0438	Boss heter	1161	Ento margi	5830	Hydr pedun		6492	Note longi		3231	Spre incar		
4	0439	Boss obcor	3790	Ento stric	1741	Hype gram		6495	Note longi		3261	Stic f.fla	
0440	Boss prost	1	8250	Epac m.mic	1744	*Hype perfo		2282	Note venos		3305	Styl latic	
2624	Boss scolo	4788	Epac pulch	5854	*Hypo radic		6556	Olea micro		7726	Styp l.lae		
2696	Brac d.dap	4791	Epac p.pur	5867	Impe c.maj		6570	Olea visci		7794	Telo speci		
2879	Brun austr	1185	Erag brown	1761	Indi austr		2339	Oper asper		7827	Them austr		
0512	Burc umbel	1187	*Erag curvu	2	5906	Isop anemo	✓	2340	Oper hispi		3406	Tode barba	
0515	Burs s.spi	2	4893	Erio austr	5907	Isop aneth		6580	Opli imbec		3421	Tric elati	
4340	Caes p.min	4923	Euca acmen	1814	Junc conti		9652	Opun spp.		7875	Tric simpl		
0557	Cale major	1243	Euca agglo	1845	Junc usita		2386	Oxal peren		3458	Tris lauri		
0562	Call citri	4991	Euca crebr	1846	Junc vagin		9662	Oxal spp.		3496	*Verb bonar		
3236	Call linea	5016	Euca eugen	1847	Kenn prost		6630	Ozot diosm		7975	Vern c.cin		
0567	Call subul	5020	Euca fibro	1848	Kenn rubic		6647	Pand p.pan		3512	Vero plebe		
0887	Calo dubia	2	1281	Euca globo	1854	Kunz ambig		2408	Pani simil		3523	Vimi junce	
0609	Caly tetra	5033	Euca haema	3	6004	Lamb formo	✓	2430	*Pasp dilat		8033	Wahl s.str	
4681	Cass glabe	5077	Euca moluc	1873	Lasi f.fer	2	2436	Pate glabr	✓	8049	West longi		
1	4680	Cass glabe	5089	Euca oblon	1874	Lasi macro	1	2438	Pate seric	✓	8061	Wool punge	
3559	Cass pubes	5114	Euca pilul	6013	Lasi parvi		2449	Pell falca		8078	Xant media		
2	0688	Caus flexu	5115	Euca piper	6014	Lasi rufum		2451	*Penn cland		8079	Xant m.min	
3648	Cent asiat	5138	Euca punct	1889	Laxm graci		6754	Pers bargo		3592	Xant pilos		
3690	Cera apeta	5142	Euca racem	1917	Lepi conca		6768	Pers lance		3594	Xant tride		
3692	Cera gummi	5148	Euca r.res	1920	Lepi filif	2	2464	Pers levis	1	8080	Xylo pyrif		
0724	*Cest parqu	5164	Euca scler	1921	Lepi forsy		2465	Pers linea		3605	Zier smith		

1 Persoonia hirsuta - 1 X Acacia echin -
1 X lomard gbua - 1 Xanth discaria



Vegetation Assessment

Project #: 4200 – Westcliff

Observer: MR, SEW

Date: 27/11/06

Location	Note: Easting and Northing is Mandatory for FIS	
Waypoint:	Easting	Northing
Location description: <i>Transect sheet 1</i>		
Photo numbers:		

Topographical features	
Slope	Aspect
Outcropping %	Surface Rock %
Soil Type	Horizon visibility

Strata	Form	Lower Height	Upper Height	PFC	Cond	Dominant Species
Upper						
Mid						
Lower						
Ground						

Specht	FPC: 100-70%	70-30%	30-10%	<10%
Trees > 30m	Tall closed-forest	Tall open-forest	Tall woodland	Tall open-woodland
Trees 10 – 30m	Closed-forest	Open-forest	Woodland	Open-woodland
Trees 5 – 10m	Low closed-forest	Low open-forest	Low woodland	Low open-woodland
Trees < 5m	V. low closed-forest	V. low open-forest	V. low woodland	V. low open-woodland
Shrubs > 2m	Closed-scrub	Open-scrub	Tall shrubland	Tall open-shrubland
Shrubs 0.25 – 2m				
Sclerophyll	Closed Heathland	Heathland	Open heathland	Sparse heathland
Non-sclerophyll	Low closed-scrub	Low Open-scrub	Low shrubland	Low open-shrubland

Mapped community	<i>Exposed Sandstone Scrubby Gum Woodland</i>
EECs/Threatened Plants	

General Habitat Description and comments
Fire History:
Disturbance: Grazing , Roads , Powerlines , Erosion.
Ajacent land: Cleared , Residential , Scattered Trees, Uncleared , Riparian vegetation
RESILIENCE (Natural Soil Profile) – Good , Moderate , Poor , Very Poor/native pasture
RESILIENCE (Disturbed Soil Profile) – Permantly altered , Reveg area , Open space/exotic pasture
Weeds and Weed Density:

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1923	Lepi later	6792	Pers pinif	stackh nud
0423	Acac irror	3773	Chlo stoec	1318	Euca siebe	1927	Lepi neesi	6809	Petr pulch	
0489	Acac linif	0755	*Chlo gayan	5187	Euca teret	1930	Lepi uroph	6810	Petr sessi	thra thym
5128	Acac longi	0782	*Cirs vulga	3749	Euch invol	1938	Lept tenax	2500	Phyl gunni	Phyll phili
0056	Acac mearn	0788	Clem arist	1346	Eust latif	1939	Lept acida	2501	Phyl hirte	Phyll phili
0063	Acac myrti	3886	Cono erici	1350	Exoc cupre	1956	Lept conti	2510	*Phyt octan	stylid near
0068	Acac obtus	3887	Cono l.ang	1353	Exoc stric	1953	Lept emarg	4819	Pime l.lin	
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac	6088	Lept junip	2561	*Plan lance	Pers hirsu
0092	Acac suave	3890	Cono tenui	5336	Gahn asper	1958	Lept lanig	2571	Plat erico	loma glauc
0095	Acac termi	0810	*Cony albid	1387	Gahn clark	6094	Lept morri	6960	Plat linea	hyba mang
0098	Acac ulici	4370	Corr r.ref	1394	Gahn radul	6098	Lept parvi	2575	Plec parvi	
0843	Acro divar	1288	Cory gummi	1404	Gali binif	6105	Lept p.pol	4694	Poa l.lab	lomad
3650	Acti helia	4378	Cras s.sie	5410	Gera s.sol	1950	Lept trine	2395	Podo ilici	
0857	Acti minor	4069	Crot verre	1440	Glei dicar	6121	Lepy scari	7012	Poly calyc	fluv
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	1978	Leuc erico	2655	Poma disco	Hemig
5449	Adia h.his	0899	Cyat djand	1455	Glyc claud	1982	Leuc junip	7043	Poma e.ell	purpur
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac	1983	Leuc l.lan	2658	Poma ferru	
0677	Allo litto	0907	Cyno dacty	9417	Gnap spp.	6145	Leuc setig	2673	Poma inter	
5383	Allo torul	0953	Damp purpu	5460	Gomp grand	1995	Leuc virga	2660	Poma lanig	
0206	Ampe x.xip	0958	Damp stric	3748	Gomp incon	2003	*Ligu sinen	4837	Poma p.phy	
4527	*Andr virgi	4246	Darw grand	5461	Gomp minus	2014	Lind linea	2677	Poma umbel	
1345	Ango baker	4270	Davi corym	1486	Gono m.mic	2015	Lind micro	2682	Pora corym	
5389	Ango costa	0995	Davi genis	1489	Gono tetra	6162	Lipa refle	7060	Pora erici	
0231	Anis avena	4429	Davi u.uli	1490	Gono teucr	6168	Liss s.str	7082	Prat purpu	
0237	Aotu erico	4323	Dend speci	1494	Good b.bel	9546	Loga spp.	7121	Pros s.sax	
1589	Aris vagan	4369	Desm rhyti	4543	Good h.hed	4163	Loma cylin	7148	Pseu pimel	
0269	Arth mille	4425	Desm varia	5490	Good h.egl	4709	Loma f.cor	2777	Pter escul	
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	4710	Loma f.fil	7203	Ptil deust	
0305	Astr pinif	4398	Dian c.pro	1514	Good stell	2046	Loma longi	7232	Pult ellip	
1782	Astr latif	4408	Dian r.rev	5523	Grev d.dif	4711	Loma m.tub	2857	Pult linop	
0981	Aust tenui	5797	Dich micra	5567	Grev longi	2048	Loma m.mul	5685	Pult micro	
2156	Back myrti	1036	Dich repen	5573	Grev mucro	6192	Loma obliq	2871	Pult scabr	
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi	2052	Loma myric	7262	Pult villo	
0355	Baec linif	4476	Dill flori	5583	Grev p.par	6196	Loma silai	2883	Pyrr rupes	
2222	Balo graci	4480	Dill phyli	5596	Grev s.ser	6332	Mela decor	2916	Rapa howit	
0255	Bank e.eri	4481	Dill retor	5603	Grev sphac	6334	Mela erube	7354	*Rubu fruit	
0363	Bank margi	5934	Dill rudis	5631	Haem corym	6338	Mela hyper	2956	Rubu paryi	
2269	Bank oblon	4559	Dodo falca	5632	Haem plani	6341	Mela linar	7426	Saro fasti	
0366	Bank serra	4566	Dodo multi	1562	Hake dacty	7288	Mela styph	7431	Scae a.alb	
2285	Bank s.col	1093	Dodo triqu	1571	Hake seric	6345	Mela thymi	3023	Scae ramos	
2293	Bank s.spi	4592	Dodo v.vis	5664	Hake t.ter	6381	Micr erico	3030	Schi bifid	
0371	Baue rubio	1096	Dood asper	1596	Hard viola	2176	Micr hexan	3039	Scho apogo	
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorp	2179	Micr s.sti	3041	Scho brevi	
4291	Bill s.sca	4616	Drac secun	5731	Hibb a.asp	2181	Micr cilia	3049	Scho melan	
2447	Blec ambig	1109	Dros spatu	5735	Hibb circu	2205	Mirb rubii	3057	Scho turbi	
0404	Blec carti	4675	Echi c.cae	5736	Hibb c.cis	6409	Mirb s.spe	7523	*Sene madag	
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu	2211	Mitr polym	7555	Senn odora	
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp	2218	Mono ellip	3133	*Seta graci	
0426	Boro ledif	1137	Elae retic	5749	Hibb nitid	2220	Mono scopa	7609	Smil glyci	
0436	Boss ensat	1155	Empo minus	5811	Hove linea	2224	Mori jasmi	3186	Sola prino	
0438	Boss heter	1161	Ento margi	5830	Hydr pedun	6492	Note longi	3231	Spre incar	
0439	Boss obcor	3790	Ento stric	1741	Hype gram	6495	Note longi	3261	Stic f.flu	
0440	Boss prost	5250	Epac m.mic	1744	*Hype perfo	2282	Note venos	3305	Styl laric	
2624	Boss scolo	4788	Epac pulch	5854	*Hypo radic	6556	Olea micro	7726	Styp l.lae	
2696	Brac d.dap	4791	Epac p.pur	5867	Impe c.maj	6570	Olea visci	7794	Telo speci	
2879	Brun austr	1185	Erag brown	1761	Indi austr	2339	Oper asper	7827	Them austr	
0512	Burc umbel	1187	*Erag curvu	5906	Isop anemo	2340	Oper hispi	3406	Tode barba	
0515	Burs s.spi	4893	Erio austr	5907	Isop aneth	6580	Opli imbec	3421	Tric elati	
4340	Caes p.min	4923	Euca acmen	1814	Junc conti	9652	Opun spp.	7875	Tric simpl	
0557	Cale major	1243	Euca agгло	1845	Junc usita	2386	Oxal peren	3458	Tris lauri	
0562	Call citri	4991	Euca crebr	1846	Junc vagin	9662	Oxal spp.	3496	*Verb bonar	
3236	Call linea	5016	Euca eugen	1847	Kenn prost	6630	Ozot diosm	7975	Vern c.cin	
0567	Call subul	5020	Euca fibro	1848	Kenn rubic	6647	Pand p.pan	3512	Vero plebe	
0887	Calo dubia	1281	Euca globo	1854	Kunz ambig	2408	Pani simil	3523	Vimi junce	
0609	Caly tetra	5033	Euca haema	6002	Lamb formo	2430	*Pasp dilat	8033	Wahl s.str	
4681	Cass glabe	5077	Euca moluc	1873	Lasi f.fer	2436	Pate glabr	8049	West longi	
4680	Cass glabe	5089	Euca oblon	1874	Lasi macro	2438	Pate seric	8061	Wool punge	
3559	Cass pubes	5114	Euca pilul	6013	Lasi parvi	2449	Pell falca	8078	Xant media	
0688	Caus flexu	5115	Euca piper	6014	Lasi rufum	2451	*Penn cland	8079	Xant m.min	
3648	Cent asiat	5138	Euca punct	1889	Laxm graci	6754	Pers bargo	3592	Xant pilos	
3690	Cera apeta	5142	Euca racem	1917	Lepi conca	6768	Pers lance	3594	Xant tride	
3692	Cera gummi	5148	Euca r.res	1920	Lepi filif	2464	Pers levis	8089	Xylo pyrif	
0724	*Cest parqu	5164	Euca scler	1921	Lepi forsy	2465	Pers linea	3605	Zier smith	

stackh viminea

$$1.5h_{15} \times 2$$


Observer: NS & BS

Date: 27/11/06

Topographical features	
Slope 0	Aspect -
Outcropping % 0	Surface Rock % -
Soil Type <i>Sandy Loam</i>	Horizon visibility -

General Habitat Description and comments
Fire History: >5 yrs
Disturbance: Grazing , Roads , Powerlines , Erosion. Nil, Coal Duff.
Ajacent land: Cleared , Residential , Scattered Trees, Uncleared , Riparian vegetation
RESILIENCE (Natural Soil Profile) Good, Moderate , Poor , Very Poor/native pasture
RESILIENCE (Disturbed Soil Profile) – Permantly altered , Reveg area , Open space/exotic pasture
Weeds and Weed Density: Nil

0018	Acac brown	0733	Chei s.sie	5170	Euca sider	1923	Lepi later	6792	Pers pinif	3
0423	Acac irror	3773	Chlo stoec	1318	Euca siebe	1927	Lepi neesi	6809	Petr pulch	
0489	Acac linif	0755	*Chlo gayan	5187	Euca teret	1930	Lepi uroph	6810	Petr sessi	3
5128	Acac longi	0782	*Cirs vulga	3749	Euch invol	1938	Lept tenax	2500	Phyl gunni	
0056	Acac mearn	0788	Clem arist	1346	Eust latif	1939	Lept acida	2501	Phyl hirte	
0063	Acac myrti	3886	Cono erici	1350	Exoc cupre	1956	Lept conti	2510	*Phyt octan	
0068	Acac obtus	3887	Cono l.ang	1353	Exoc stric	1953	Lept emarg	4819	Pime l.lin	2
0550	Acac parra	0806	Cono taxif	5266	Ficu m.mac	6088	Lept junip	2561	*Plan lance	
0092	Acac suave	3890	Cono tenui	5336	Gahn asper	1958	Lept lanig	2571	Plat erico	
0095	Acac termi	0810	*Cony albid	1387	Gahn clark	6094	Lept morri	6960	Plat linea	1
0098	Acac ulici	4370	Corr r.ref	1394	Gahn radul	6098	Lept parvi	2575	Plec parvi	
0843	Acro divar	1288	Cory gummi	1404	Gali binif	6105	Lept p.pol	4694	Poa l.lab	
3650	Acti helia	4378	Cras s.sie	5410	Gera s.sol	1950	Lept trine	2395	Podo ilici	
0857	Acti minor	4069	Crot verre	1440	Glei dicar	6121	Lepy scari	7012	Poly calyc	
0129	Adia aethi	4072	Cryp a.ama	1441	Glei micro	1978	Leuc erico	2655	Poma disco	
5449	Adia h.his	0899	Cyat diand	1455	Glyc cland	1982	Leuc junip	7043	Poma e.ell	
0888	*Ager adeno	0905	Cymb refra	1457	Glyc tabac	1983	Leuc l.lan	2658	Poma ferru	
0677	Allo litto	0907	Cyno dacty	9417	Gnap spp.	6145	Leuc setig	2673	Poma inter	
5383	Allo torul	0953	Damp purpu	5460	Gomp grand	1995	Leuc virga	2660	Poma lanig	
0206	Ampe x.xip	0958	Damp stric	3748	Gomp incon	2003	*Ligu sinen	4837	Poma p.phy	
4527	*Andr virgi	4246	Darw grand	5461	Gomp minus	2014	Lind linea	2677	Poma umbel	
1345	Ango baker	4270	Davi corym	1486	Gono m.mic	2015	Lind micro	2682	Pora corym	
5389	Ango costa	0995	Davi genis	1489	Gono tetra	6162	Lipa refl	7060	Pora erici	3
0231	Anis avena	4429	Davi u.uli	1490	Gono teucr	6168	Liss s.str	7082	Prat purpu	
0237	Aotu erico	4323	Dend speci	1494	Good b.bel	9546	Loga spp.	7121	Pros s.sax	
1589	Aris vagan	4369	Desm rhyti	4543	Good h.hed	4163	Loma cylin	7148	Pseu pimel	
0269	Arth mille	4425	Desm varia	5490	Good h.egl	4709	Loma f.cor	2777	Pter escul	
0304	Astr humif	1027	Dian c.cae	1507	Good ovata	4710	Loma f.fil	7203	Ptil deust	
0305	Astr pinif	4398	Dian c.pro	1514	Good stell	2046	Loma longi	7232	Pult ellip	
1782	Astr latif	4408	Dian r.rev	5525	Grev d.dif	4711	Loma m.tub	2857	Pult linop	
0981	Aust tenui	5797	Dich micra	5567	Grev longi	2048	Loma m.mul	5685	Pult micro	
2156	Back myrti	1036	Dich repen	5573	Grev mucro	6192	Loma obliq	2871	Pult scabr	
2186	Baec imbri	9315	Digi spp.	5580	Grev oleoi	2052	Loma myric	7262	Pult villo	
0355	Baec linif	4476	Dill flori	5583	Grev p.par	6196	Loma silai	2883	Pyrr rupes	
2222	Balo graci	4480	Dill phyli	5596	Grev s.ser	6332	Mela decor	2916	Rapa howit	
2255	Bank e.eri	4481	Dill retor	5603	Grev sphac	6334	Mela erube	7354	*Rubu fruit	
0363	Bank margi	5934	Dill rudis	5631	Haem corym	6338	Mela hyper	2956	Rubu parvi	
2269	Bank oblon	4559	Dodo falca	5632	Haem plani	6341	Mela linar	7426	Saro fasti	
0366	Bank serra	4566	Dodo multi	1562	Hake dacty	7288	Mela styph	7431	Scae a.alb	
2285	Bank s.col	1093	Dodo triqu	1571	Hake seric	6345	Mela thymi	3023	Scae ramos	
2295	Bank s.spi	4592	Dodo v.vis	5664	Hake t.ter	6381	Micr erico	3030	Schi bifid	
0371	Baue rubio	1096	Dood asper	1596	Hard viola	2176	Micr hexan	3039	Scho apogo	2
0397	*Bide pilos	1097	Dood cauda	1626	Heli scorp	2179	Micr s.sti	3041	Scho brevi	
4291	Bill s.sca	4616	Drac secun	5731	Hibb a.asp	2181	Micr cilia	3049	Scho melan	
2447	Blec ambig	1109	Dros spatu	5735	Hibb circu	2205	Mirb rubii	3057	Scho turbi	
0404	Blec carti	4675	Echi c.cae	5736	Hibb c.cis	6409	Mirb s.spe	7523	*Sene madag	
0408	Blec nudum	1122	Echi ovatu	1666	Hibb diffu	2211	Mitr polym	7555	Senn odora	
9126	Blec spp.	1132	Eina hasta	5437	Hibb e.emp	2218	Mono ellip	3133	*Seta graci	
0426	Boro ledif	1137	Elae retic	5749	Hibb nitid	2220	Mono scopu	7609	Smil glyci	
0436	Boss ensat	1155	Empo minus	5811	Hove linea	2224	Mori jasmi	3186	Sola prino	
0438	Boss heter	1161	Ento margi	5830	Hydr pedun	6492	Note longi	3231	Spre incar	
0439	Boss obcor	3790	Ento stric	1741	Hype gram	6495	Note longi	3261	Stic f.flu	
0440	Boss prost	5250	Epac m.mic	1744	*Hype perfo	2282	Note venos	3305	Styl laric	
2624	Boss scola	4788	Epac pulch	5854	*Hypo radic	6556	Olea micro	7726	Styp l.lae	
2696	Brac d.dap	4791	Epac p.pur	5867	Impe c.maj	6570	Olea visci	7794	Telo speci	
2879	Brun austr	1185	Erag brown	1761	Indi austr	2339	Oper asper	7827	Them austr	
0512	Burc umbel	1187	*Erag curvu	5906	Isop anemo	2340	Oper hispi	3406	Tode barba	
0515	Burs s.spi	4893	Erio austr	5907	Isop aneth	6580	Opli imbec	3421	Tric elati	
4340	Caes p.min	4923	Euca acmen	1814	Junc conti	9652	Opun spp.	7875	Tric simpl	
0557	Cale major	1243	Euca agгло	1845	Junc usita	2386	Oxal peren	3458	Tris lauri	
0562	Call citri	4991	Euca crebr	1846	Junc vagin	9662	Oxal spp.	3496	*Verb bonar	
3236	Call linea	5016	Euca eugen	1847	Kenn prost	6630	Ozot diosm	7975	Vern c.cin	
0567	Call subul	5020	Euca fibro	1848	Kenn rubic	6647	Pand p.pan	3512	Vero plebe	
0887	Calo dubia	1281	Euca globo	1854	Kunz ambig	2408	Pani simil	3523	Vimi junce	
0609	Caly tetra	5033	Euca haema	6004	Lamb formo	2430	*Pasp dilat	8033	Wahl s.str	
4681	Cass glabe	5077	Euca moluc	1873	Lasi f.fer	2436	Pate glabr	8049	West longi	
4680	Cass glabe	5089	Euca oblon	1874	Lasi macro	2438	Pate seric	8061	Wool punge	
3559	Cass pubes	5114	Euca pilul	6013	Lasi parvi	2449	Pell falca	8078	Xant media	2
0688	Caus flexu	5115	Euca piper	6014	Lasi rufum	2451	*Penn cland	8079	Xant m.min	
3648	Cent asiat	5138	Euca punct	1889	Laxm graci	6754	Pers bargo	3592	Xant pilos	
3690	Cera apeta	5142	Euca racem	1917	Lepi conca	6768	Pers lance	3594	Xant tride	
3692	Cera gummi	5148	Euca r.res	1920	Lepi filif	2464	Pers levis	8089	Xylo pyrif	
0724	*Cest parqu	5164	Euca scler	1921	Lepi forsy	2465	Pers linea	3605	Zier smith	

Acacia
ulicifolia

Hemip. purp. 3
Hibb riparia 3

Leuc. micro. 2
Hybanth. mon. 1

Schoenus turbinatus 2
St. h. triflora 1