

9. APPENDICES

9.1 PERSONNEL AND OPERATIONAL HIERARCHY

Project initiation and endorsement

- Joint NSW/Commonwealth CRA/RFA Steering Committee
- Environment and Heritage Technical Committee
- Aerial Photography Interpretation Expert Working Group: Ken Boer (DUAP), Rod Squires (SFNSW), Murray Webster (SFNSW), Paul O'Connor (NPWS), Greg Elks (NPWS)

Project management

- Ian Pulsford, Manager, NSW NPWS Southern Zone
- Nic Gellie, Manager, CRA Unit Southern Zone

Project staff, CRA Unit

- Max Beukers, Project Coordinator Eden API
- Wendy Harding, Project Officer (API)
- Julian Barnard, Technical Officer (API)
- Mary Grgic, Administration Officer (CRA)
- Support Staff: Sarah Young; (GIS), Helen Achurch, (Vegetation Mapping)

Interpreters

Broad Forest Vegetation Class Mapping, Growth Stage Mapping and Historical Disturbance Mapping and Growth Stage Desktop Audit and Validation Field Check	Robert Wilson Robert Wilcox - Both senior interpreters (under MOU from SFNSW)
Broad Forest Vegetation Class Mapping and Growth Stage Mapping	Owen Macguire Alan Thomas
Broad Forest Vegetation Class Mapping	Ian Roberts Nikki Taws
Growth Stage Mapping	Sally McCubin Nik Salter
Nomenclature Audit and Digital Capture Error Resolution	Russell Edwards Brendan Rennison

Digital capture

- Forest Resource and Management Services: Director and Principal Contact, Ian Long
- PINTECH Pty Ltd: Director and Principal Contract, Bob Galvin

Final GIS collation, NPWS GIS Division staff

- Ed Knowles, Leander Wiseman

9.2 API PATHWAY BROAD FOREST CLASS TYPING

9.3 FINAL BROAD FOREST VEGETATION CLASSIFICATION MAP ATTRIBUTE CODES

9.3.1 Polygon attribute codes from final GIS map

CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
Cleared	K	K	Unknown	CRA	OUT
Cleared	K	K/Sw	Unknown	CRA	OUT
Cleared	K	K01	Unknown	CRA	OUT
Cleared	K	K01/02	Unknown	CRA	OUT
Cleared	K	K01/05	Unknown	CRA	OUT
Cleared	K	K01/08	Unknown	CRA	OUT
Cleared	K	K02	Unknown	CRA	OUT
Cleared	K	K02/01	Unknown	CRA	OUT
Cleared	K	K02/03	Unknown	CRA	OUT
Cleared	K	K03	Unknown	CRA	OUT
Cleared	K	K03/02	Unknown	CRA	OUT
Cleared	K	K03/05	Unknown	CRA	OUT
Cleared	K	K03/06	Unknown	CRA	OUT
Cleared	K	K03/06/1214	Unknown	CRA	OUT
Cleared	K	K03/12	Unknown	CRA	OUT
Cleared	K	K03/12/02	Unknown	CRA	OUT
Cleared	K	K03/1214	Unknown	CRA	OUT
Cleared	K	K0301/1214	Unknown	CRA	OUT
Cleared	K	K0303/0317	Unknown	CRA	OUT
Cleared	K	K0305	Unknown	CRA	OUT
Cleared	K	K0305/0502	Unknown	CRA	OUT
Cleared	K	K0305/07	Unknown	CRA	OUT
Cleared	K	K0305/12	Unknown	CRA	OUT
Cleared	K	K0305/1213	Unknown	CRA	OUT
Cleared	K	K0305/1214	Unknown	CRA	OUT
Cleared	K	K0306	Unknown	CRA	OUT
Cleared	K	K0306/0701	Unknown	CRA	OUT
Cleared	K	K0307	Unknown	CRA	OUT
Cleared	K	K0311	Unknown	CRA	OUT
Cleared	K	K0312	Unknown	CRA	OUT
Cleared	K	K0313	Unknown	CRA	OUT
Cleared	K	K0314	Unknown	CRA	OUT
Cleared	K	K0314/0602	Unknown	CRA	OUT
Cleared	K	K0314/0602/1212	Unknown	CRA	OUT
Cleared	K	K0314/1213	Unknown	CRA	OUT
Cleared	K	K0315/12	Unknown	CRA	OUT
Cleared	K	K04	Unknown	CRA	OUT
Cleared	K	K05	Unknown	CRA	OUT
Cleared	K	K05/08	Unknown	CRA	OUT
Cleared	K	K05/12	Unknown	CRA	OUT
Cleared	K	K05/1209	Unknown	CRA	OUT
Cleared	K	K0502	Unknown	CRA	OUT
Cleared	K	K0502/0305	Unknown	CRA	OUT
Cleared	K	K0502/12	Unknown	CRA	OUT
Cleared	K	K0502/1209	Unknown	CRA	OUT
Cleared	K	K0503	Unknown	CRA	OUT
Cleared	K	K0503/1212	Unknown	CRA	OUT
Cleared	K	K0509	Unknown	CRA	OUT
Cleared	K	K06	Unknown	CRA	OUT
Cleared	K	K06/02	Unknown	CRA	OUT
Cleared	K	K06/04	Unknown	CRA	OUT
Cleared	K	K06/12	Unknown	CRA	OUT
Cleared	K	K06/Sw	Unknown	CRA	OUT
Cleared	K	K0601	Unknown	CRA	OUT

Cleared Cleared	K K	K0602 K0602/0701/0305	Unknown Unknown	CRA CRA	OUT OUT
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CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
Cleared	K	K0602/12	Unknown	CRA	OUT
Cleared	K	K0603/1304	Unknown	CRA	OUT
Cleared	K	K0604	Unknown	CRA	OUT
Cleared	K	K0604/1301	Unknown	CRA	OUT
Cleared	K	K0604/1619	Unknown	CRA	OUT
Cleared	K	K0607	Unknown	CRA	OUT
Cleared	K	K0608	Unknown	CRA	OUT
Cleared	K	K0608/0305	Unknown	CRA	OUT
Cleared	K	K0608/0701	Unknown	CRA	OUT
Cleared	K	K0612	Unknown	CRA	OUT
Cleared	K	K07	Unknown	CRA	OUT
Cleared	K	K07/0602	Unknown	CRA	OUT
Cleared	K	K07/12	Unknown	CRA	OUT
Cleared	K	K07/16	Unknown	CRA	OUT
Cleared	K	K0701	Unknown	CRA	OUT
Cleared	K	K0701/0601/0306	Unknown	CRA	OUT
Cleared	K	K0701/0602	Unknown	CRA	OUT
Cleared	K	K0701/1209	Unknown	CRA	OUT
Cleared	K	K0701/1213	Unknown	CRA	OUT
Cleared	K	K0701/1213/1209/02	Unknown	CRA	OUT
Cleared	K	K0701/f03	Unknown	CRA	OUT
Cleared	K	K08	Unknown	CRA	OUT
Cleared	K	K0801	Unknown	CRA	OUT
Cleared	K	K0801/0305	Unknown	CRA	OUT
Cleared	K	K0801/1214	Unknown	CRA	OUT
Cleared	K	K0803/0306	Unknown	CRA	OUT
Cleared	K	K0803/1213	Unknown	CRA	OUT
Cleared	K	K09/16	Unknown	CRA	OUT
Cleared	K	K12	Unknown	CRA	OUT
Cleared	K	K12/01	Unknown	CRA	OUT
Cleared	K	K12/02	Unknown	CRA	OUT
Cleared	K	K12/05	Unknown	CRA	OUT
Cleared	K	K12/06	Unknown	CRA	OUT
Cleared	K	K12/07	Unknown	CRA	OUT
Cleared	K	K12/08	Unknown	CRA	OUT
Cleared	K	K12/Sw	Unknown	CRA	OUT
Cleared	K	K1201/0305/1619	Unknown	CRA	OUT
Cleared	K	K1201/0605/1401	Unknown	CRA	OUT
Cleared	K	K1206	Unknown	CRA	OUT
Cleared	K	K1209	Unknown	CRA	OUT
Cleared	K	K1212	Unknown	CRA	OUT
Cleared	K	K1213	Unknown	CRA	OUT
Cleared	K	K1213/07	Unknown	CRA	OUT
Cleared	K	K1213/1214	Unknown	CRA	OUT
Cleared	K	K1213/1402	Unknown	CRA	OUT
Cleared	K	K1214	Unknown	CRA	OUT
Cleared	K	K1214/0701	Unknown	CRA	OUT
Cleared	K	K1214/1213	Unknown	CRA	OUT
Cleared	K	K13	Unknown	CRA	OUT
Cleared	K	K13/16	Unknown	CRA	OUT
Cleared	K	K13/1619	Unknown	CRA	OUT
Cleared	K	K1301	Unknown	CRA	OUT
Cleared	K	K1301/1401	Unknown	CRA	OUT
Cleared	K	K1304	Unknown	CRA	OUT
Cleared	K	K1309	Unknown	CRA	OUT
Cleared	K	K1310	Unknown	CRA	OUT
Cleared	K	K1310/1602	Unknown	CRA	OUT
Cleared	K	K1401/1301	Unknown	CRA	OUT

Cleared	K	K1402	Unknown	CRA	OUT
Cleared	K	K16	Unknown	CRA	OUT
Cleared	K	K16/0601	Unknown	CRA	OUT

CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
Cleared	K	K16/13	Unknown	CRA	OUT
Cleared	K	K1602	Unknown	CRA	OUT
Cleared	K	K1602/1302	Unknown	CRA	OUT
Cleared	K	K1602/1309	Unknown	CRA	OUT
Cleared	K	K1602/1612	Unknown	CRA	OUT
Cleared	K	K1602/1614	Unknown	CRA	OUT
Cleared	K	K1608	Unknown	CRA	OUT
Cleared	K	K1608/1619	Unknown	CRA	OUT
Cleared	K	K1612	Unknown	CRA	OUT
Cleared	K	K1612/0701	Unknown	CRA	OUT
Cleared	K	K1612/1602	Unknown	CRA	OUT
Cleared	K	K1612/1608	Unknown	CRA	OUT
Cleared	K	K1612/1614	Unknown	CRA	OUT
Cleared	K	K1612/f03	Unknown	CRA	OUT
Cleared	K	K1614	Unknown	CRA	OUT
Cleared	K	K1614/13	Unknown	CRA	OUT
Cleared	K	K1614/1602	Unknown	CRA	OUT
Cleared	K	K1614/1612	Unknown	CRA	OUT
Cleared	K	K1616	Unknown	CRA	OUT
Cleared	K	K1618	Unknown	CRA	OUT
Cleared	K	K1619	Unknown	CRA	OUT
Cleared	K	K1619/0601/0602	Unknown	CRA	OUT
Cleared	K	K1619/0602	Unknown	CRA	OUT
Cleared	K	Ke	Unknown	CRA	OUT
Cleared	K	Kt	Unknown	CRA	OUT
Cleared	K	Unknown	216	RN17	OUT
Cleared	K	Unknown	220	RN17	OUT
DGF	03	0306	Unknown	CRA	EUC
DGF	03	0307	Unknown	CRA	EUC
DGF	03	0312	Unknown	CRA	EUC
DGF	03/06	0306/0604	Unknown	CRA	EUC
DGF	03/14	0306/1402	Unknown	CRA	EUC
DGF	03/14	0307/1402	Unknown	CRA	EUC
DGF	05	05	Unknown	CRA	EUC
DGF	05	0502	Unknown	CRA	EUC
DGF	05	0503	Unknown	CRA	EUC
DGF	05/12	05/1209	Unknown	CRA	EUC
DGF	06	0604	Unknown	CRA	EUC
DGF	06/03	0604/0306	Unknown	CRA	EUC
DGF	06/14	0604/1401	Unknown	CRA	EUC
DGF	06/16	0604/1602	Unknown	CRA	EUC
DGF	07/16	07/16	Unknown	CRA	EUC
DGF	12	1201/1209	Unknown	CRA	EUC
DGF	14	1401	Unknown	CRA	EUC
DGF	14	1401/1402	Unknown	CRA	EUC
DGF	14	1402	Unknown	CRA	EUC
DGF	14/03	1401/0307	Unknown	CRA	EUC
DGF	14/03	1402/03	Unknown	CRA	EUC
DGF	14/03	1402/0306	Unknown	CRA	EUC
DGF	14/16	14/16	Unknown	CRA	EUC
DGF	16	1601	Unknown	CRA	EUC
DGF	16	1602	Unknown	CRA	EUC
DGF	16	1602/1612	Unknown	CRA	EUC
DGF	16	1602/1618	Unknown	CRA	EUC
DGF	16	1605	Unknown	CRA	EUC
DGF	16	1612	Unknown	CRA	EUC
DGF	16	1612/1602	Unknown	CRA	EUC
DGF	16	1618	Unknown	CRA	EUC
DGF	Unknown	Unknown	103	RN17	EUC

DGF DGF	Unknown Unknown	Unknown Unknown	111/143 131	RN17 RN17	EUC EUC
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CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
DGF	Unknown	Unknown	132	RN17	EUC
DGF	Unknown	Unknown	133	RN17	EUC
DGF	Unknown	Unknown	139	RN17	EUC
DGF	Unknown	Unknown	158m	RN17	EUC
DGF	Unknown	Unknown	159	RN17	EUC
DGF	Unknown	Unknown	88	RN17	EUC
DGF	Unknown	Unknown	88/158	RN17	EUC
DGF	Unknown	Unknown	88/224	RN17	EUC
DGF	Unknown	Unknown	88/234	RN17	EUC
DGF/DSF	05/06/12	05/06/12	Unknown	CRA	EUC
DGF/DSF	05/08	05/08	Unknown	CRA	EUC
DGF/DSF	05/08	0502/0804	Unknown	CRA	EUC
DGF/DSF	05/12	05/12	Unknown	CRA	EUC
DGF/DSF	06/03	0604/0316	Unknown	CRA	EUC
DGF/DSF	Unknown	Unknown	103/123	RN17	EUC
DGF/f03	16/f	1602/f03	Unknown	CRA	EUC
DGF/f03	16/f	1612/f03	Unknown	CRA	EUC
DGF/f03	16/f	1618/f03	Unknown	CRA	EUC
DGF/f04	16/f	1602/f04	Unknown	CRA	EUC
DGF/WFF	05/12	0502/1213	Unknown	CRA	EUC
DGF/WFF	06/14	0601/1401	Unknown	CRA	EUC
DGF/WFF	06/16	0601/1602	Unknown	CRA	EUC
DGF/WFF	06/16	0601/1612	Unknown	CRA	EUC
DGF/WFF	13/06/14	1301/0601/1401	Unknown	CRA	EUC
DGF/WFF	13/14	1301/1401	Unknown	CRA	EUC
DGF/WFF	13/16	1301/1602	Unknown	CRA	EUC
DGF/WFF	13/16	1301/1612	Unknown	CRA	EUC
DGF/WFF	14/13	1401/1301	Unknown	CRA	EUC
DGF/WFF	16/06	1612/0601	Unknown	CRA	EUC
DGF/WFF	16/13	1602/1301	Unknown	CRA	EUC
DGF/WFF	Unknown	Unknown	158	RN17	EUC
DGF/WFF	Unknown	Unknown	158/159	RN17	EUC
DGF/WHF	07/06	0701/0604	Unknown	CRA	EUC
DGF/WHF	07/14	07/14	Unknown	CRA	EUC
DGF/WHF	16/06	1612/0603	Unknown	CRA	EUC
DGF/WHF	16/07	1612/0701	Unknown	CRA	EUC
DGF/WHF	Unknown	Unknown	131/143	RN17	EUC
DGF/WHF	Unknown	Unknown	143/159	RN17	EUC
DGF/WHF	Unknown	Unknown	159/143	RN17	EUC
DGF/WLF	16	1602/1606	Unknown	CRA	EUC
DGF/WLF	16/13	1602/1302	Unknown	CRA	EUC
DGF/WSF	05/12	0502/1214	Unknown	CRA	EUC
DGF/WSF	06	0602/0604	Unknown	CRA	EUC
DGF/WSF	06	0602/0605	Unknown	CRA	EUC
DGF/WSF	13/16	1308/1602	Unknown	CRA	EUC
DGF/WSF	13/16	1308/1612	Unknown	CRA	EUC
DGF/WSF	13/16	1309/1612	Unknown	CRA	EUC
DGF/WSF	14/06	1401/0602	Unknown	CRA	EUC
DGF/WSF	16/13	1602/1308	Unknown	CRA	EUC
DGF/WSF	16/13	1602/1309	Unknown	CRA	EUC
DGF/WSF	16/13	1612/1308	Unknown	CRA	EUC
DGF/WSF	16/13	1612/1309	Unknown	CRA	EUC
DGF/WSF	Unknown	Unknown	103/157	RN17	EUC
DGF/WSF	Unknown	Unknown	131/152	RN17	EUC
DSF	12	12	Unknown	CRA	EUC
DSF	01	01	Unknown	CRA	EUC
DSF	01	0101	Unknown	CRA	EUC
DSF	01	0102	Unknown	CRA	EUC
DSF	01	0103	Unknown	CRA	EUC

DSF	01/02	01/02	Unknown	CRA	EUC
DSF	01/06	0101/0602	Unknown	CRA	EUC

CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
DSF	01/08	01/08	Unknown	CRA	EUC
DSF	01/08	0101/0802	Unknown	CRA	EUC
DSF	01/08	0102/0801	Unknown	CRA	EUC
DSF	01/08/Wr	01/08/Wr	Unknown	CRA	EUC
DSF	01/12	01/1206	Unknown	CRA	EUC
DSF	02	02	Unknown	CRA	EUC
DSF	02	0201	Unknown	CRA	EUC
DSF	02/01	02/01	Unknown	CRA	EUC
DSF	02/03	02/03	Unknown	CRA	EUC
DSF	02/03	02/0302	Unknown	CRA	EUC
DSF	02/03	02/0311	Unknown	CRA	EUC
DSF	02/03	02/0313	Unknown	CRA	EUC
DSF	02/03	0201/0311	Unknown	CRA	EUC
DSF	02/03	0201/0311	Unknown	CRA	EUC
DSF	02/03	0201/0313	Unknown	CRA	EUC
DSF	02/03	0201/0314	Unknown	CRA	EUC
DSF	02/03/12	02/03/12	Unknown	CRA	EUC
DSF	02/03/15	02/05/12	Unknown	CRA	EUC
DSF	02/05	0201/0502	Unknown	CRA	EUC
DSF	02/06	0201/0602	Unknown	CRA	EUC
DSF	02/12	02/12	Unknown	CRA	EUC
DSF	02/14	0305/1402	Unknown	CRA	EUC
DSF	02/15	03/15	Unknown	CRA	EUC
DSF	03	03	Unknown	CRA	EUC
DSF	03	0301	Unknown	CRA	EUC
DSF	03	0301/0303	Unknown	CRA	EUC
DSF	03	0301/0305	Unknown	CRA	EUC
DSF	03	0301/0309	Unknown	CRA	EUC
DSF	03	0301/0314	Unknown	CRA	EUC
DSF	03	0302	Unknown	CRA	EUC
DSF	03	0302/0303/0316	Unknown	CRA	EUC
DSF	03	0302/0314	Unknown	CRA	EUC
DSF	03	0303	Unknown	CRA	EUC
DSF	03	0303/0305	Unknown	CRA	EUC
DSF	03	0303/0305/0317	Unknown	CRA	EUC
DSF	03	0303/0309	Unknown	CRA	EUC
DSF	03	0303/0313	Unknown	CRA	EUC
DSF	03	0303/0317	Unknown	CRA	EUC
DSF	03	0304	Unknown	CRA	EUC
DSF	03	0304/0309	Unknown	CRA	EUC
DSF	03	0305	Unknown	CRA	EUC
DSF	03	0305/0301	Unknown	CRA	EUC
DSF	03	0305/0311	Unknown	CRA	EUC
DSF	03	0305/0314	Unknown	CRA	EUC
DSF	03	0305/07	Unknown	CRA	EUC
DSF	03	0305/12	Unknown	CRA	EUC
DSF	03	0308	Unknown	CRA	EUC
DSF	03	0309	Unknown	CRA	EUC
DSF	03	0309/0303	Unknown	CRA	EUC
DSF	03	0310	Unknown	CRA	EUC
DSF	03	0310/0314	Unknown	CRA	EUC
DSF	03	0311	Unknown	CRA	EUC
DSF	03	0311/0302	Unknown	CRA	EUC
DSF	03	0311/0305	Unknown	CRA	EUC
DSF	03	0311/0314	Unknown	CRA	EUC
DSF	03	0311/0315	Unknown	CRA	EUC
DSF	03	0311/0316	Unknown	CRA	EUC
DSF	03	0313	Unknown	CRA	EUC
DSF	03	0313/0302	Unknown	CRA	EUC

DSF	03	0313/0305	Unknown	CRA	EUC
DSF	03	0313/0314	Unknown	CRA	EUC

CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
DSF	03	0313/0316	Unknown	CRA	EUC
DSF	03	0314	Unknown	CRA	EUC
DSF	03	0314/0301	Unknown	CRA	EUC
DSF	03	0314/0302	Unknown	CRA	EUC
DSF	03	0314/0304	Unknown	CRA	EUC
DSF	03	0314/0305	Unknown	CRA	EUC
DSF	03	0314/0315	Unknown	CRA	EUC
DSF	03	0314/0316	Unknown	CRA	EUC
DSF	03	0315	Unknown	CRA	EUC
DSF	03	0315/0314	Unknown	CRA	EUC
DSF	03	0315/0316	Unknown	CRA	EUC
DSF	03	0316	Unknown	CRA	EUC
DSF	03	0317	Unknown	CRA	EUC
DSF	03/01	0313/0101	Unknown	CRA	EUC
DSF	03/01/12	03/01/12	Unknown	CRA	EUC
DSF	03/02	0313/0201	Unknown	CRA	EUC
DSF	03/06	03/06	Unknown	CRA	EUC
DSF	03/06	0301/0605	Unknown	CRA	EUC
DSF	03/06	0305/0608	Unknown	CRA	EUC
DSF	03/06	0311/06	Unknown	CRA	EUC
DSF	03/06	0314/0605	Unknown	CRA	EUC
DSF	03/06	0315/0316/06	Unknown	CRA	EUC
DSF	03/06	0315/06	Unknown	CRA	EUC
DSF	03/08	03/08	Unknown	CRA	EUC
DSF	03/08	0305/0803	Unknown	CRA	EUC
DSF	03/08	0305/0804	Unknown	CRA	EUC
DSF	03/08	0314/0801	Unknown	CRA	EUC
DSF	03/12	03/12	Unknown	CRA	EUC
DSF	03/12	0301/1206	Unknown	CRA	EUC
DSF	03/12	0304/12	Unknown	CRA	EUC
DSF	03/12	0305/1211	Unknown	CRA	EUC
DSF	03/12	0305/1213	Unknown	CRA	EUC
DSF	03/12	0305/1214	Unknown	CRA	EUC
DSF	03/12	0308/1206	Unknown	CRA	EUC
DSF	03/12	0313/1212	Unknown	CRA	EUC
DSF	03/12	0314/1206	Unknown	CRA	EUC
DSF	03/12	0314/1211	Unknown	CRA	EUC
DSF	03/12	0314/1213	Unknown	CRA	EUC
DSF	03/13	03/13	Unknown	CRA	EUC
DSF	03/13	0313/1306	Unknown	CRA	EUC
DSF	03/13	0314/1306	Unknown	CRA	EUC
DSF	03/15	0301/1501	Unknown	CRA	EUC
DSF	03/15	0313/1501	Unknown	CRA	EUC
DSF	03/16	0303/1619	Unknown	CRA	EUC
DSF	03/16	0313/1615	Unknown	CRA	EUC
DSF	03/16	0313/1619	Unknown	CRA	EUC
DSF	04	04	Unknown	CRA	EUC
DSF	04	0401	Unknown	CRA	EUC
DSF	04	0401/0402	Unknown	CRA	EUC
DSF	04	0402	Unknown	CRA	EUC
DSF	04	0403	Unknown	CRA	EUC
DSF	04/01	04/01	Unknown	CRA	EUC
DSF	06	0605	Unknown	CRA	EUC
DSF	06	0607	Unknown	CRA	EUC
DSF	06	0608	Unknown	CRA	EUC
DSF	06/03	0605/0301	Unknown	CRA	EUC
DSF	06/03	0605/0305	Unknown	CRA	EUC
DSF	06/03	0605/0315	Unknown	CRA	EUC
DSF	06/08	06/08	Unknown	CRA	EUC

DSF	06/08	0601/0801	Unknown	CRA	EUC
DSF	06/08	0602/0804	Unknown	CRA	EUC

CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
DSF	06/12	0605/1206	Unknown	CRA	EUC
DSF	08	08	Unknown	CRA	EUC
DSF	08	0801	Unknown	CRA	EUC
DSF	08	0802	Unknown	CRA	EUC
DSF	08	0803	Unknown	CRA	EUC
DSF	08	0804	Unknown	CRA	EUC
DSF	08	0805	Unknown	CRA	EUC
DSF	08/03	08/0309	Unknown	CRA	EUC
DSF	08/12	08/12	Unknown	CRA	EUC
DSF	08/12	0803/1213	Unknown	CRA	EUC
DSF	08/12	0804/12	Unknown	CRA	EUC
DSF	08/12	0804/1213	Unknown	CRA	EUC
DSF	09	0903	Unknown	CRA	EUC
DSF	12	1206	Unknown	CRA	EUC
DSF	12	1206	Unknown	CRA	EUC
DSF	12	1206/1212	Unknown	CRA	EUC
DSF	12	1206/1213	Unknown	CRA	EUC
DSF	12	1207	Unknown	CRA	EUC
DSF	12	1209	Unknown	CRA	EUC
DSF	12	1211	Unknown	CRA	EUC
DSF	12	1212	Unknown	CRA	EUC
DSF	12	1212/1213	Unknown	CRA	EUC
DSF	12	1213	Unknown	CRA	EUC
DSF	12	1213/1206	Unknown	CRA	EUC
DSF	12/03	12/03	Unknown	CRA	EUC
DSF	12/03	12/0311	Unknown	CRA	EUC
DSF	12/03	1206/0301	Unknown	CRA	EUC
DSF	12/03	1206/0302	Unknown	CRA	EUC
DSF	12/03	1206/0311	Unknown	CRA	EUC
DSF	12/03	1206/0314	Unknown	CRA	EUC
DSF	12/03	1206/0315	Unknown	CRA	EUC
DSF	12/03	1206/0316	Unknown	CRA	EUC
DSF	12/03	1213/0311	Unknown	CRA	EUC
DSF	12/03	1213/0313	Unknown	CRA	EUC
DSF	12/04	12/04	Unknown	CRA	EUC
DSF	12/08	12/08	Unknown	CRA	EUC
DSF	12/08	1213/08	Unknown	CRA	EUC
DSF	12/08	1213/0804	Unknown	CRA	EUC
DSF	12/13	12/13	Unknown	CRA	EUC
DSF	13	1306	Unknown	CRA	EUC
DSF	13	1307	Unknown	CRA	EUC
DSF	13	1310	Unknown	CRA	EUC
DSF	13/03	1306/0313	Unknown	CRA	EUC
DSF	13/08	1307/0803	Unknown	CRA	EUC
DSF	13/16	13/1619	Unknown	CRA	EUC
DSF	13/16	1310/16	Unknown	CRA	EUC
DSF	15	1501	Unknown	CRA	EUC
DSF	15/03	15/0313	Unknown	CRA	EUC
DSF	15/03	1501/0313	Unknown	CRA	EUC
DSF	15/03	1501/0314	Unknown	CRA	EUC
DSF	15/16	1501/1608	Unknown	CRA	EUC
DSF	16	1608	Unknown	CRA	EUC
DSF	16	1608/1614	Unknown	CRA	EUC
DSF	16	1608/1616	Unknown	CRA	EUC
DSF	16	1608/1619	Unknown	CRA	EUC
DSF	16	1614	Unknown	CRA	EUC
DSF	16	1614/1608	Unknown	CRA	EUC
DSF	16	1615	Unknown	CRA	EUC
DSF	16	1615/1619	Unknown	CRA	EUC

DSF	16	1616	Unknown	CRA	EUC
DSF	16	1616/1614	Unknown	CRA	EUC

CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
DSF	16	1619	Unknown	CRA	EUC
DSF	16	1619/1614	Unknown	CRA	EUC
DSF	16	1619/1615	Unknown	CRA	EUC
DSF	16	1620	Unknown	CRA	EUC
DSF	16	1620/1608	Unknown	CRA	EUC
DSF	16/03	16/0313	Unknown	CRA	EUC
DSF	16/03	1614/0313	Unknown	CRA	EUC
DSF	16/03	1615/03	Unknown	CRA	EUC
DSF	16/03	1615/0313	Unknown	CRA	EUC
DSF	16/13	1614/13	Unknown	CRA	EUC
DSF	16/13	1614/1307	Unknown	CRA	EUC
DSF	16/13	1614/1310	Unknown	CRA	EUC
DSF	16/15	1602/1501	Unknown	CRA	EUC
DSF	Unknown	Unknown	102	RN17	EUC
DSF	Unknown	Unknown	102/111	RN17	EUC
DSF	Unknown	Unknown	102/112	RN17	EUC
DSF	Unknown	Unknown	102/114	RN17	EUC
DSF	Unknown	Unknown	102/121	RN17	EUC
DSF	Unknown	Unknown	102/123	RN17	EUC
DSF	Unknown	Unknown	102/150	RN17	EUC
DSF	Unknown	Unknown	111	RN17	EUC
DSF	Unknown	Unknown	111/112	RN17	EUC
DSF	Unknown	Unknown	111/123	RN17	EUC
DSF	Unknown	Unknown	111/132	RN17	EUC
DSF	Unknown	Unknown	111/150	RN17	EUC
DSF	Unknown	Unknown	111/166	RN17	EUC
DSF	Unknown	Unknown	111/231	RN17	EUC
DSF	Unknown	Unknown	112	RN17	EUC
DSF	Unknown	Unknown	112/158	RN17	EUC
DSF	Unknown	Unknown	112/158m	RN17	EUC
DSF	Unknown	Unknown	112/162	RN17	EUC
DSF	Unknown	Unknown	112/166	RN17	EUC
DSF	Unknown	Unknown	112/234	RN17	EUC
DSF	Unknown	Unknown	113	RN17	EUC
DSF	Unknown	Unknown	114	RN17	EUC
DSF	Unknown	Unknown	114/166	RN17	EUC
DSF	Unknown	Unknown	114/234	RN17	EUC
DSF	Unknown	Unknown	114y	RN17	EUC
DSF	Unknown	Unknown	121	RN17	EUC
DSF	Unknown	Unknown	121/123	RN17	EUC
DSF	Unknown	Unknown	121/158	RN17	EUC
DSF	Unknown	Unknown	121/99	RN17	EUC
DSF	Unknown	Unknown	123	RN17	EUC
DSF	Unknown	Unknown	123/111	RN17	EUC
DSF	Unknown	Unknown	123/114	RN17	EUC
DSF	Unknown	Unknown	123/158	RN17	EUC
DSF	Unknown	Unknown	123/166	RN17	EUC
DSF	Unknown	Unknown	123/224	RN17	EUC
DSF	Unknown	Unknown	123/234	RN17	EUC
DSF	Unknown	Unknown	123g	RN17	EUC
DSF	Unknown	Unknown	124	RN17	EUC
DSF	Unknown	Unknown	125	RN17	EUC
DSF	Unknown	Unknown	130	RN17	EUC
DSF	Unknown	Unknown	138	RN17	EUC
DSF	Unknown	Unknown	150	RN17	EUC
DSF	Unknown	Unknown	150/169	RN17	EUC
DSF	Unknown	Unknown	162	RN17	EUC
DSF	Unknown	Unknown	162/234	RN17	EUC
DSF	Unknown	Unknown	165	RN17	EUC

DSF	Unknown	Unknown	165/166	RN17	EUC
DSF	Unknown	Unknown	165/169	RN17	EUC

CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
DSF	Unknown	Unknown	165/221	RN17	EUC
DSF	Unknown	Unknown	165/224	RN17	EUC
DSF	Unknown	Unknown	166	RN17	EUC
DSF	Unknown	Unknown	166/121	RN17	EUC
DSF	Unknown	Unknown	166/169	RN17	EUC
DSF	Unknown	Unknown	166/224	RN17	EUC
DSF	Unknown	Unknown	166/234	RN17	EUC
DSF	Unknown	Unknown	169	RN17	EUC
DSF	Unknown	Unknown	206	RN17	EUC
DSF	Unknown	Unknown	234/114	RN17	EUC
DSF	Unknown	Unknown	234/121	RN17	EUC
DSF	Unknown	Unknown	66	RN17	EUC
DSF	Unknown	Unknown	66r	RN17	EUC
DSF	Unknown	Unknown	88/166	RN17	EUC
DSF	Unknown	Unknown	99	RN17	EUC
DSF	Unknown	Unknown	99/114	RN17	EUC
DSF	Unknown	Unknown	99/123	RN17	EUC
DSF	Unknown	Unknown	101m	RN17	EUC
DSF/DGF	03	0303/0306	Unknown	CRA	EUC
DSF/DGF	03	0306/0301	Unknown	CRA	EUC
DSF/DGF	03	0306/0308	Unknown	CRA	EUC
DSF/DGF	03	0306/0309	Unknown	CRA	EUC
DSF/DGF	03	0314/0306	Unknown	CRA	EUC
DSF/DGF	03	0314/0307	Unknown	CRA	EUC
DSF/DGF	03/05	03/05	Unknown	CRA	EUC
DSF/DGF	03/05	0301/0501	Unknown	CRA	EUC
DSF/DGF	03/06	0305/0604	Unknown	CRA	EUC
DSF/DGF	03/06	0311/0604	Unknown	CRA	EUC
DSF/DGF	03/06	0314/0604	Unknown	CRA	EUC
DSF/DGF	03/06	0317/0604	Unknown	CRA	EUC
DSF/DGF	03/08	0307/0804	Unknown	CRA	EUC
DSF/DGF	03/12	0306/1213	Unknown	CRA	EUC
DSF/DGF	03/12	0307/1213	Unknown	CRA	EUC
DSF/DGF	03/12	0313/1209	Unknown	CRA	EUC
DSF/DGF	03/14	0313/1402	Unknown	CRA	EUC
DSF/DGF	03/15	0312/1501	Unknown	CRA	EUC
DSF/DGF	03/16	0303/1612	Unknown	CRA	EUC
DSF/DGF	03/16	0305/1602	Unknown	CRA	EUC
DSF/DGF	05/12	0503/1209	Unknown	CRA	EUC
DSF/DGF	06/14	06/14	Unknown	CRA	EUC
DSF/DGF	08/14	0803/1402	Unknown	CRA	EUC
DSF/DGF	12/03	1213/0306	Unknown	CRA	EUC
DSF/DGF	12/05	1206/05	Unknown	CRA	EUC
DSF/DGF	12/05	1213/0502	Unknown	CRA	EUC
DSF/DGF	12/14	12/14	Unknown	CRA	EUC
DSF/DGF	12/14	1213/1402	Unknown	CRA	EUC
DSF/DGF	13/16	1307/1601	Unknown	CRA	EUC
DSF/DGF	13/16	1310/1602	Unknown	CRA	EUC
DSF/DGF	13/16	1310/1612	Unknown	CRA	EUC
DSF/DGF	14/08	14/08	Unknown	CRA	EUC
DSF/DGF	14/12	14/12	Unknown	CRA	EUC
DSF/DGF	14/12	1401/1213	Unknown	CRA	EUC
DSF/DGF	14/12	1402/12	Unknown	CRA	EUC
DSF/DGF	16	16	Unknown	CRA	EUC
DSF/DGF	16	1602/1608	Unknown	CRA	EUC
DSF/DGF	16	1602/1614	Unknown	CRA	EUC
DSF/DGF	16	1602/1615	Unknown	CRA	EUC
DSF/DGF	16	1602/1619	Unknown	CRA	EUC
DSF/DGF	16	1608/1612	Unknown	CRA	EUC

DSF/DGF	16	1612/1608	Unknown	CRA	EUC
DSF/DGF	16	1612/1614	Unknown	CRA	EUC

CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
DSF/DGF	16	1612/1615	Unknown	CRA	EUC
DSF/DGF	16	1612/1619	Unknown	CRA	EUC
DSF/DGF	16	1614/1612	Unknown	CRA	EUC
DSF/DGF	16	1615/1612	Unknown	CRA	EUC
DSF/DGF	16	1618/1612	Unknown	CRA	EUC
DSF/DGF	16	1619/1602	Unknown	CRA	EUC
DSF/DGF	16	1619/1612	Unknown	CRA	EUC
DSF/DGF	16/13	1602/13	Unknown	CRA	EUC
DSF/DGF	16/13	1602/1310	Unknown	CRA	EUC
DSF/DGF	16/13	1612/13	Unknown	CRA	EUC
DSF/DGF	Unknown	Unknown	121/158m	RN17	EUC
DSF/DGF	Unknown	Unknown	159/166	RN17	EUC
DSF/DGF	Unknown	Unknown	166/88	RN17	EUC
DSF/DGG	Unknown	Unknown	131/166	RN17	EUC
DSF/DSF	08/16	0803/1619	Unknown	CRA	EUC
DSF/f03	16/f	1614/f03	Unknown	CRA	EUC
DSF/f3	03/f	0303/f03	Unknown	CRA	EUC
DSF/Qe	03/06/Qe	0313/06/Qe	Unknown	CRA	EUC
DSF/Qe	03/06/Qe	0314/06/Qe	Unknown	CRA	EUC
DSF/Qe	03/Qe	0302/Qe	Unknown	CRA	EUC
DSF/Qe	03/Qe	0303/Qe	Unknown	CRA	EUC
DSF/Qe	03/Qe	0303/Qe02	Unknown	CRA	EUC
DSF/Qe	03/Qe	0313/0314/Qe	Unknown	CRA	EUC
DSF/Qe	03/Qe	0313/Qe	Unknown	CRA	EUC
DSF/Qe	03/Qe	0314/Qe	Unknown	CRA	EUC
DSF/Qe	03/Qe	0317/Qe	Unknown	CRA	EUC
DSF/Qh	03/Qh	0313/Qh	Unknown	CRA	EUC
DSF/Qh	06/Qh	0608/Qh	Unknown	CRA	EUC
DSF/T	16/T	16/T	Unknown	CRA	EUC
DSF/WFF	03/06	0301/0601	Unknown	CRA	EUC
DSF/WFF	03/06	0307/0601	Unknown	CRA	EUC
DSF/WFF	03/06	0309/0601	Unknown	CRA	EUC
DSF/WFF	06/03	0601/0302	Unknown	CRA	EUC
DSF/WFF	06/03	0601/0313	Unknown	CRA	EUC
DSF/WFF	06/12	0601/1213	Unknown	CRA	EUC
DSF/WFF	06/16	0601/1619	Unknown	CRA	EUC
DSF/WFF	13	1301/1310	Unknown	CRA	EUC
DSF/WFF	13/03	1301/0313	Unknown	CRA	EUC
DSF/WFF	13/03	1301/0314	Unknown	CRA	EUC
DSF/WFF	13/15	1301/1501	Unknown	CRA	EUC
DSF/WFF	15/13	1501/1301	Unknown	CRA	EUC
DSF/WFF	Unknown	Unknown	111/158	RN17	EUC
DSF/WFF	Unknown	Unknown	152/156	RN17	EUC
DSF/WFF	Unknown	Unknown	152/165	RN17	EUC
DSF/WFF	Unknown	Unknown	152/166	RN17	EUC
DSF/WFF	Unknown	Unknown	153/156	RN17	EUC
DSF/WFF	Unknown	Unknown	155/166	RN17	EUC
DSF/WFF	Unknown	Unknown	158/165	RN17	EUC
DSF/WFF	Unknown	Unknown	158/166	RN17	EUC
DSF/WHF	03/06	0313/0603	Unknown	CRA	EUC
DSF/WHF	03/06/07	03/06/07	Unknown	CRA	EUC
DSF/WHF	03/07	0309/0701	Unknown	CRA	EUC
DSF/WHF	06/03	0603/0313	Unknown	CRA	EUC
DSF/WHF	06/07	06/07	Unknown	CRA	EUC
DSF/WHF	06/07	06/0701	Unknown	CRA	EUC
DSF/WHF	06/07	0601/0701	Unknown	CRA	EUC
DSF/WHF	06/08	0603/0801	Unknown	CRA	EUC
DSF/WHF	06/13	0603/1306	Unknown	CRA	EUC
DSF/WHF	07/03	07/0309	Unknown	CRA	EUC

DSF/WHF	07/03	0701/0305	Unknown	CRA	EUC
DSF/WHF	07/03	0701/0309	Unknown	CRA	EUC

CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
DSF/WHF	07/06	0701/0608	Unknown	CRA	EUC
DSF/WHF	07/08	0701/0803	Unknown	CRA	EUC
DSF/WHF	07/08	0701/0804	Unknown	CRA	EUC
DSF/WHF	07/12	0701/12	Unknown	CRA	EUC
DSF/WHF	08/07	0803/0701	Unknown	CRA	EUC
DSF/WHF	08/07	0804/0701	Unknown	CRA	EUC
DSF/WHF/Qe	06/07/Qh	0601/0701/Qh	Unknown	CRA	EUC
DSF/WLF	03/13	0313/1301	Unknown	CRA	EUC
DSF/WLF	13	1302/1306	Unknown	CRA	EUC
DSF/WLF	13	1302/1307	Unknown	CRA	EUC
DSF/WLF	13	1307/1308	Unknown	CRA	EUC
DSF/WLF	13/03	1302/0314	Unknown	CRA	EUC
DSF/WLF	13/08	1302/0803	Unknown	CRA	EUC
DSF/WLF	16/08	1606/0803	Unknown	CRA	EUC
DSF/WSF	03/06	0301/0602	Unknown	CRA	EUC
DSF/WSF	03/06	0305/0602	Unknown	CRA	EUC
DSF/WSF	03/06	0314/0602	Unknown	CRA	EUC
DSF/WSF	03/06	0315/0602	Unknown	CRA	EUC
DSF/WSF	03/12	03/1214	Unknown	CRA	EUC
DSF/WSF	06	06	Unknown	CRA	EUC
DSF/WSF	06	0608/0602	Unknown	CRA	EUC
DSF/WSF	06/01	0602/0101	Unknown	CRA	EUC
DSF/WSF	06/02	06/02	Unknown	CRA	EUC
DSF/WSF	06/02	0602/0201	Unknown	CRA	EUC
DSF/WSF	06/03	06/03	Unknown	CRA	EUC
DSF/WSF	06/03	0602/03	Unknown	CRA	EUC
DSF/WSF	06/03	0602/0302	Unknown	CRA	EUC
DSF/WSF	06/03	0602/0305	Unknown	CRA	EUC
DSF/WSF	06/03	0602/0311	Unknown	CRA	EUC
DSF/WSF	06/03	0602/0313	Unknown	CRA	EUC
DSF/WSF	06/03	0602/0315	Unknown	CRA	EUC
DSF/WSF	06/08	0602/0801	Unknown	CRA	EUC
DSF/WSF	06/11	0602/1101	Unknown	CRA	EUC
DSF/WSF	06/12	06/12	Unknown	CRA	EUC
DSF/WSF	06/12	06/1213	Unknown	CRA	EUC
DSF/WSF	06/12	0602/12	Unknown	CRA	EUC
DSF/WSF	06/12	0602/1206	Unknown	CRA	EUC
DSF/WSF	06/12	0602/1212	Unknown	CRA	EUC
DSF/WSF	06/12	0602/1213	Unknown	CRA	EUC
DSF/WSF	06/13	0602/13	Unknown	CRA	EUC
DSF/WSF	06/13	0602/1306	Unknown	CRA	EUC
DSF/WSF	08/06	0804/0602	Unknown	CRA	EUC
DSF/WSF	08/13	0804/1308	Unknown	CRA	EUC
DSF/WSF	12	1213/1214	Unknown	CRA	EUC
DSF/WSF	12	1213/1214/08	Unknown	CRA	EUC
DSF/WSF	12/06	1206/0602	Unknown	CRA	EUC
DSF/WSF	12/13	1212/13	Unknown	CRA	EUC
DSF/WSF	13	1301/16	Unknown	CRA	EUC
DSF/WSF	13	1306/1304	Unknown	CRA	EUC
DSF/WSF	13	1306/1308	Unknown	CRA	EUC
DSF/WSF	13	1308/1306	Unknown	CRA	EUC
DSF/WSF	13	1308/1310	Unknown	CRA	EUC
DSF/WSF	13	1309/1310	Unknown	CRA	EUC
DSF/WSF	13	1310/1309	Unknown	CRA	EUC
DSF/WSF	13/06	1306/0602	Unknown	CRA	EUC
DSF/WSF	13/08	13/0803	Unknown	CRA	EUC
DSF/WSF	13/08	1304/0803	Unknown	CRA	EUC
DSF/WSF	13/08	1308/0801	Unknown	CRA	EUC
DSF/WSF	13/15	1306/1503	Unknown	CRA	EUC

DSF/WSF	13/16	13/16	Unknown	CRA	EUC
DSF/WSF	13/16	1309/1614	Unknown	CRA	EUC

CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
DSF/WSF	15	15	Unknown	CRA	EUC
DSF/WSF	15	1501/1503	Unknown	CRA	EUC
DSF/WSF	15/03	1503/0314	Unknown	CRA	EUC
DSF/WSF	15/13	1503/1306	Unknown	CRA	EUC
DSF/WSF	16/13	16/13	Unknown	CRA	EUC
DSF/WSF	16/13	1614/1308	Unknown	CRA	EUC
DSF/WSF	Unknown	Unknown	111/152	RN17	EUC
DSF/WSF	Unknown	Unknown	123/152	RN17	EUC
DSF/WSF	Unknown	Unknown	123/157	RN17	EUC
DSF/WSF	Unknown	Unknown	166/152	RN17	EUC
Excluded Areas	Q/Z	Qh/Z	214/220	RN17	OUT
Excluded Areas	Z	Unknown	218	RN17	OUT
Excluded Areas	Z	Unknown	219	RN17	OUT
Excluded Areas	Z	Z	Unknown	CRA	OUT
Excluded Areas	Z	Z0b1	Unknown	CRA	OUT
Excluded Areas	Z	Zb	Unknown	CRA	OUT
Excluded Areas	Z	Zb/W/h	Unknown	CRA	OUT
Excluded Areas	Z	Zb01	Unknown	CRA	OUT
Excluded Areas	Z	Zb02	Unknown	CRA	OUT
Excluded Areas	Z	Zb03	Unknown	CRA	OUT
Excluded Areas	Z	Zb05	Unknown	CRA	OUT
Excluded Areas	Z	Zb06	Unknown	CRA	OUT
Excluded Areas	Z	Zb07	Unknown	CRA	OUT
Excluded Areas	Z	Zb1	Unknown	CRA	OUT
Excluded Areas	Z	Zw	Unknown	CRA	OUT
Excluded Areas	Z	Zw	235	RN17	OUT
Excluded Areas	Z	Zz	Unknown	CRA	OUT
Exotic	X	X12	Unknown	CRA	OUT
Exotic	X	Xw	Unknown	CRA	OUT
Exotic	X	Xw01	Unknown	CRA	OUT
Grassland	V	Vt	Unknown	CRA	NON_EUC
Heathlands	T	T	Unknown	CRA	NON_EUC
Heathlands	T	T01	Unknown	CRA	NON_EUC
Heathlands	T	Td	Unknown	CRA	NON_EUC
Heathlands	T	Td03	Unknown	CRA	NON_EUC
Heathlands	T	Ts	Unknown	CRA	NON_EUC
Heathlands	T	Tt	Unknown	CRA	NON_EUC
Heathlands	T	Tt01	Unknown	CRA	NON_EUC
Heathlands	T	Tt01/Tw	Unknown	CRA	NON_EUC
Heathlands	T	Tth	Unknown	CRA	NON_EUC
Heathlands	T	Tw	Unknown	CRA	NON_EUC
Heathlands	T	Tw/S	Unknown	CRA	NON_EUC
Heathlands	T	Tw/Us	Unknown	CRA	NON_EUC
Heathlands	T	Tw01	Unknown	CRA	NON_EUC
Heathlands	T	Tw02	Unknown	CRA	NON_EUC
Heathlands	T	Tw02/Wm	Unknown	CRA	NON_EUC
Heathlands	T	Unknown	223	RN17	NON_EUC
Non_Euc	Q	Q	Unknown	CRA	OUT
Forest_Woodland					
Non_Euc	Q	Qa01	Unknown	CRA	OUT
Forest_Woodland					
Non_Euc	Q	Qb	31	RN17	OUT
Forest_Woodland					
Non_Euc	Q	Qb01	Unknown	CRA	OUT
Forest_Woodland					
Non_Euc	Q	Qe	Unknown	CRA	OUT
Forest_Woodland					
Non_Euc	Q	Qe02	Unknown	CRA	OUT
Forest_Woodland					

Non_Euc Forest_Woodland	Q	Qe02/	Unknown	CRA	OUT
Non_Euc Forest_Woodland	Q	Qe02/0313	Unknown	CRA	OUT
Non_Euc Forest_Woodland	Q	Qf01	Unknown	CRA	OUT
Non_Euc Forest_Woodland	Q	Qh	Unknown	CRA	OUT
Non_Euc Forest_Woodland	Q	Qh/0602	Unknown	CRA	OUT
Non_Euc Forest_Woodland	Q	Qh/Sk01	Unknown	CRA	OUT
Non_Euc Forest_Woodland	Q	Qk	Unknown	CRA	OUT
Non_Euc Forest_Woodland	Q	Unknown	214	RN17	OUT

CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
Post Fire_untypeable	N	N03	Unknown	CRA	EUC
Post Fire_untypeable	N	N0313/0314	Unknown	CRA	EUC
Post Fire_untypeable	N	N0313/0314/06	Unknown	CRA	EUC
Post Fire_untypeable	N	N0314/1304	Unknown	CRA	EUC
Post Fire_untypeable	N	N06	Unknown	CRA	EUC
Post Fire_untypeable	N	N13	Unknown	CRA	EUC
Post Fire_untypeable	N	N1304/1308/0313/06	Unknown	CRA	EUC
Post Fire_untypeable	N	N1308/0311	Unknown	CRA	EUC
Post Fire_untypeable	N	N1308/1311	Unknown	CRA	EUC
Post Fire_untypeable	N	N16	Unknown	CRA	EUC
Post Logging_untypable	H	H013/0314	Unknown	CRA	EUC
Post Logging_untypable	H	H02/0311	Unknown	CRA	EUC
Post Logging_untypable	H	H02/0313	Unknown	CRA	EUC
Post Logging_untypable	H	H03	Unknown	CRA	EUC
Post Logging_untypable	H	H03/06	Unknown	CRA	EUC
Post Logging_untypable	H	H03/12	Unknown	CRA	EUC
Post Logging_untypable	H	H0301/0314	Unknown	CRA	EUC
Post Logging_untypable	H	H0302	Unknown	CRA	EUC
Post Logging_untypable	H	H0303/0314	Unknown	CRA	EUC
Post Logging_untypable	H	H0304/0309	Unknown	CRA	EUC
Post Logging_untypable	H	H0304/0602	Unknown	CRA	EUC
Post Logging_untypable	H	H0304/1306	Unknown	CRA	EUC
Post Logging_untypable	H	H0306/0604	Unknown	CRA	EUC
Post Logging_untypable	H	H0309/1308	Unknown	CRA	EUC
Post Logging_untypable	H	H0310/0314	Unknown	CRA	EUC
Post Logging_untypable	H	H0313	Unknown	CRA	EUC
Post Logging_untypable	H	H0313/0303	Unknown	CRA	EUC
Post Logging_untypable	H	H0313/0314	Unknown	CRA	EUC
Post Logging_untypable	H	H0313/0602	Unknown	CRA	EUC
Post Logging_untypable	H	H0313/0603	Unknown	CRA	EUC
Post Logging_untypable	H	H0313/0603/13	Unknown	CRA	EUC
Post Logging_untypable	H	H0314	Unknown	CRA	EUC
Post Logging_untypable	H	H0314/0304	Unknown	CRA	EUC
Post Logging_untypable	H	H0314/0305	Unknown	CRA	EUC
Post Logging_untypable	H	H0314/0305/0309	Unknown	CRA	EUC
Post Logging_untypable	H	H0314/0308	Unknown	CRA	EUC
Post Logging_untypable	H	H0314/0315	Unknown	CRA	EUC
Post Logging_untypable	H	H0314/0602	Unknown	CRA	EUC
Post Logging_untypable	H	H0314/12	Unknown	CRA	EUC
Post Logging_untypable	H	H0314/1206	Unknown	CRA	EUC
Post Logging_untypable	H	H0314/1211	Unknown	CRA	EUC
Post Logging_untypable	H	H0314/1211/0602	Unknown	CRA	EUC
Post Logging_untypable	H	H0314/13	Unknown	CRA	EUC
Post Logging_untypable	H	H0314/1304	Unknown	CRA	EUC
Post Logging_untypable	H	H0314/1304/1308	Unknown	CRA	EUC
Post Logging_untypable	H	H0314/1308	Unknown	CRA	EUC
Post Logging_untypable	H	H0314/1402	Unknown	CRA	EUC
Post Logging_untypable	H	H0314/1612	Unknown	CRA	EUC
Post Logging_untypable	H	H0315	Unknown	CRA	EUC
Post Logging_untypable	H	H05/01	Unknown	CRA	EUC
Post Logging_untypable	H	H06	Unknown	CRA	EUC
Post Logging_untypable	H	H06/03	Unknown	CRA	EUC
Post Logging_untypable	H	H06/03/13	Unknown	CRA	EUC
Post Logging_untypable	H	H06/08	Unknown	CRA	EUC
Post Logging_untypable	H	H06/13	Unknown	CRA	EUC
Post Logging_untypable	H	H06/13/03	Unknown	CRA	EUC
Post Logging_untypable	H	H0601	Unknown	CRA	EUC
Post Logging_untypable	H	H0602	Unknown	CRA	EUC

Post Logging_untypable	H	H0602/0302	Unknown	CRA	EUC
Post Logging_untypable	H	H0604	Unknown	CRA	EUC
Post Logging_untypable	H	H0604/1308	Unknown	CRA	EUC

CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
Post Logging_untypable	H	H0604/1314/1308	Unknown	CRA	EUC
Post Logging_untypable	H	H0605	Unknown	CRA	EUC
Post Logging_untypable	H	H06SW	Unknown	CRA	EUC
Post Logging_untypable	H	H0701/0306	Unknown	CRA	EUC
Post Logging_untypable	H	H12	Unknown	CRA	EUC
Post Logging_untypable	H	H12/03	Unknown	CRA	EUC
Post Logging_untypable	H	H12/06	Unknown	CRA	EUC
Post Logging_untypable	H	H12/08	Unknown	CRA	EUC
Post Logging_untypable	H	H1206	Unknown	CRA	EUC
Post Logging_untypable	H	H1206/0314	Unknown	CRA	EUC
Post Logging_untypable	H	H1206/1212	Unknown	CRA	EUC
Post Logging_untypable	H	H1212	Unknown	CRA	EUC
Post Logging_untypable	H	H1213	Unknown	CRA	EUC
Post Logging_untypable	H	H13	Unknown	CRA	EUC
Post Logging_untypable	H	H13/03	Unknown	CRA	EUC
Post Logging_untypable	H	H13/06	Unknown	CRA	EUC
Post Logging_untypable	H	H13/15	Unknown	CRA	EUC
Post Logging_untypable	H	H13/16	Unknown	CRA	EUC
Post Logging_untypable	H	H1301/1302	Unknown	CRA	EUC
Post Logging_untypable	H	H1302	Unknown	CRA	EUC
Post Logging_untypable	H	H1304	Unknown	CRA	EUC
Post Logging_untypable	H	H1304/1308/0314	Unknown	CRA	EUC
Post Logging_untypable	H	H1304/1308/1201	Unknown	CRA	EUC
Post Logging_untypable	H	H1306	Unknown	CRA	EUC
Post Logging_untypable	H	H1316	Unknown	CRA	EUC
Post Logging_untypable	H	H1401	Unknown	CRA	EUC
Post Logging_untypable	H	H1402	Unknown	CRA	EUC
Post Logging_untypable	H	H15/13	Unknown	CRA	EUC
Post Logging_untypable	H	H16	Unknown	CRA	EUC
Post Logging_untypable	H	H16/03/06	Unknown	CRA	EUC
Post Logging_untypable	H	H16/06	Unknown	CRA	EUC
Post Logging_untypable	H	H16/13	Unknown	CRA	EUC
Post Logging_untypable	H	H16/13/03	Unknown	CRA	EUC
Post Logging_untypable	H	H1612/0303	Unknown	CRA	EUC
Post Logging_untypable	H	H1612/0701	Unknown	CRA	EUC
Post Logging_untypable	H	H1612/1602	Unknown	CRA	EUC
Post Logging_untypable	H	H1612/1615	Unknown	CRA	EUC
Post Logging_untypable	H	H1619/1308	Unknown	CRA	EUC
Rainforest	R	R	Unknown	CRA	RAIN
Rainforest	R	R/Rv	Unknown	CRA	RAIN
Rainforest	R	R/Sw	Unknown	CRA	RAIN
Rainforest	R	R/Sw01	Unknown	CRA	RAIN
Rainforest	R	Rc	Unknown	CRA	RAIN
Rainforest	R	Rc02	Unknown	CRA	RAIN
Rainforest	R	Rd	Unknown	CRA	RAIN
Rainforest	R	Rd	23	RN17	RAIN
Rainforest	R	Rd/w	Unknown	CRA	RAIN
Rainforest	R	Rd01	Unknown	CRA	RAIN
Rainforest	R	Rd02	Unknown	CRA	RAIN
Rainforest	R	Rd02	224/K.F	RN17	RAIN
Rainforest	R	Rd02	K.F	RN17	RAIN
Rainforest	R	RE	Unknown	CRA	RAIN
Rainforest	R	Re	Unknown	CRA	RAIN
Rainforest	R	RE/Sw	Unknown	CRA	RAIN
Rainforest	R	REc	Unknown	CRA	RAIN
Rainforest	R	REd	Unknown	CRA	RAIN
Rainforest	R	REd02	Unknown	CRA	RAIN
Rainforest	R	REd07	Unknown	CRA	RAIN
Rainforest	R	REv	Unknown	CRA	RAIN

Rainforest Rainforest	R R	REv/Sv REv/Sw	Unknown Unknown	CRA CRA	RAIN RAIN
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CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
Rainforest	R	REv/Swo1	Unknown	CRA	RAIN
Rainforest	R	REv/W	Unknown	CRA	RAIN
Rainforest	R	REw	Unknown	CRA	RAIN
Rainforest	R	REw/02	Unknown	CRA	RAIN
Rainforest	R	REw/Sw	Unknown	CRA	RAIN
Rainforest	R	REw/Sw01	Unknown	CRA	RAIN
Rainforest	R	REw/Sw01/Rv	Unknown	CRA	RAIN
Rainforest	R	REw/v	Unknown	CRA	RAIN
Rainforest	R	REw03	Unknown	CRA	RAIN
Rainforest	R	REw07	Unknown	CRA	RAIN
Rainforest	R	Rv	Unknown	CRA	RAIN
Rainforest	R	Rv	26	RN17	RAIN
Rainforest	R	Rv/w	Unknown	CRA	RAIN
Rainforest	R	Rw	Unknown	CRA	RAIN
Rainforest	R	Rw/01	Unknown	CRA	RAIN
Rainforest	R	Rw/03	Unknown	CRA	RAIN
Rainforest	R	Rw/RE	Unknown	CRA	RAIN
Rainforest	R	Rw/Sw	Unknown	CRA	RAIN
Rainforest	R	Rw/Sw01	Unknown	CRA	RAIN
Rainforest	R	Rw/v	Unknown	CRA	RAIN
Rainforest	R	Rw02	Unknown	CRA	RAIN
Rainforest	R	Rw07	Unknown	CRA	RAIN
Rainforest	R	Rw7	Unknown	CRA	RAIN
Rainforest	R	Unknown	165/26	RN17	RAIN
Rainforest	R	Unknown	166/26	RN17	RAIN
Rainforest	R	Unknown	18	RN17	RAIN
Rainforest	R	Unknown	19	RN17	RAIN
Rainforest	R	Unknown	26/14	RN17	RAIN
Rainforest in RN17 or <i>E.maidenii</i> in CRA	CRA/RN17	Unknown	14	CRA/RN17	EUC_RAIN
Rare Euc Types	f02	f02	Unknown	CRA	EUC
Rare Euc Types	f03	f03	Unknown	CRA	EUC
Rare Euc Types	f04	f04	Unknown	CRA	EUC
Rare Euc Types	f06	f06	Unknown	CRA	EUC
Rare Euc Types	f12	f12	Unknown	CRA	EUC
Shrublands	S	S	Unknown	CRA	NON_EUC
Shrublands	S	S/Ts	Unknown	CRA	NON_EUC
Shrublands	S	Sa	Unknown	CRA	NON_EUC
Shrublands	S	Sa01	Unknown	CRA	NON_EUC
Shrublands	S	Sb	Unknown	CRA	NON_EUC
Shrublands	S	Sb01	Unknown	CRA	NON_EUC
Shrublands	S	Sk	Unknown	CRA	NON_EUC
Shrublands	S	Sk01	Unknown	CRA	NON_EUC
Shrublands	S	Sr	Unknown	CRA	NON_EUC
Shrublands	S	Sr01	Unknown	CRA	NON_EUC
Shrublands	S	Sr02	Unknown	CRA	NON_EUC
Shrublands	S	Sw	Unknown	CRA	NON_EUC
Shrublands	S	Sw/03	Unknown	CRA	NON_EUC
Shrublands	S	Sw/12	Unknown	CRA	NON_EUC
Shrublands	S	Sw/R	Unknown	CRA	NON_EUC
Shrublands	S	Sw/RE	Unknown	CRA	NON_EUC
Shrublands	S	Sw/REd	Unknown	CRA	NON_EUC
Shrublands	S	Sw/Sk	Unknown	CRA	NON_EUC
Shrublands	S	Sw/Sk01	Unknown	CRA	NON_EUC
Shrublands	S	Sw01	Unknown	CRA	NON_EUC
Shrublands	S	Sw01/03	Unknown	CRA	NON_EUC
Shrublands	S	Sw01/E	Unknown	CRA	NON_EUC
Shrublands	S	Sw01/R	Unknown	CRA	NON_EUC
Shrublands	S	Sw01/RE	Unknown	CRA	NON_EUC

Shrublands	S	Sw2	Unknown	CRA	NON_EUC
Shrublands	S	Sw5	Unknown	CRA	NON_EUC

CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
Shrublands	S	SwK12	Unknown	CRA	NON_EUC
Shrublands	S	SwR	Unknown	CRA	NON_EUC
Shrublands	S	SwRE	Unknown	CRA	NON_EUC
Shrublands	S	SwREv	Unknown	CRA	NON_EUC
Shrublands	S	Sws	Unknown	CRA	NON_EUC
Shrublands	S	Swv	Unknown	CRA	NON_EUC
Shrublands	S	Unknown	224	RN17	NON_EUC
Shrublands	S/T	Unknown	224/223	RN17	NON_EUC
Structurally Complex	W	W	Unknown	CRA	NON_EUC
Structurally Complex	W	Wh	Unknown	CRA	NON_EUC
Structurally Complex	W	Wh01	Unknown	CRA	NON_EUC
Structurally Complex	W	Wl	Unknown	CRA	NON_EUC
Structurally Complex	W	Wl	233	RN17	NON_EUC
Structurally Complex	W	Wl/Sw	Unknown	CRA	NON_EUC
Structurally Complex	W	Wl/Tt	Unknown	CRA	NON_EUC
Structurally Complex	W	Wl01	Unknown	CRA	NON_EUC
Structurally Complex	W	Wl01/Wl02	Unknown	CRA	NON_EUC
Structurally Complex	W	Wl02	Unknown	CRA	NON_EUC
Structurally Complex	W	Wm	Unknown	CRA	NON_EUC
Structurally Complex	W	Wm01	Unknown	CRA	NON_EUC
Structurally Complex	W	Wr	Unknown	CRA	NON_EUC
Structurally Complex	W	Wr/Wm	Unknown	CRA	NON_EUC
Structurally Complex	W	Wr01	Unknown	CRA	NON_EUC
Structurally Complex	W	Ws	Unknown	CRA	NON_EUC
Structurally Complex	W	WS	Unknown	CRA	NON_EUC
Structurally Complex	W	Ws	214/234	RN17	NON_EUC
Structurally Complex	W	Ws	224/234	RN17	NON_EUC
Structurally Complex	W	Ws	234	RN17	NON_EUC
Structurally Complex	W	Ws	234/224	RN17	NON_EUC
Structurally Complex	W	Ws01	Unknown	CRA	NON_EUC
Structurally Complex	W	WsR	Unknown	CRA	NON_EUC
Swamp	U	Unknown	231	RN17	NON_EUC
Swamp	U	Unknown	231/234	RN17	NON_EUC
Swamp	U	Us	Unknown	CRA	NON_EUC
Swamp	U	Us/Tw	Unknown	CRA	NON_EUC
Unknown	Unknown	FE	Unknown	CRA	EUC
Unknown	Unknown	UNKNOWN	Unknown	CRA	EUC
Unmapped	Unmapped	UNMAPPED	Unknown	CRA	EUC
WFF	06	0601	Unknown	CRA	EUC
WFF	13	1301	Unknown	CRA	EUC
WFF	Unknown	Unknown	151	RN17	EUC
WFF	Unknown	Unknown	155	RN17	EUC
WFF	Unknown	Unknown	155/214	RN17	EUC
WFF	Unknown	Unknown	158c	RN17	EUC
WFF/Sw	06/Sw	0601/Sw	Unknown	CRA	EUC
WFF/WHF	06	0601/0602	Unknown	CRA	EUC
WFF/WLF	13	1301/1302	Unknown	CRA	EUC
WFF/WLF	16/13	1606/1301	Unknown	CRA	EUC
WHF	06	0603	Unknown	CRA	EUC
WHF	07	07	Unknown	CRA	EUC
WHF	07	0701	Unknown	CRA	EUC
WHF	Unknown	Unknown	143	RN17	EUC
WHF	Unknown	Unknown	143/224	RN17	EUC
WHF	Unknown	Unknown	143/231	RN17	EUC
WHF/f03	07/f	0701/f03	Unknown	CRA	EUC
WHF/WLF	13/06	13/02/D603	Unknown	CRA	EUC
WHF/WLF	Unknown	Unknown	143/154	RN17	EUC
WLF	13	1302	Unknown	CRA	EUC
WLF	13	1303	Unknown	CRA	EUC

	WLF		13		1305		Unknown		CRA		EUC	
	WLF		16		1606		Unknown		CRA		EUC	

CODE Level 1 (Refer to appendix 9.3.2 for explanation of codes and levels)	CODE Level 2	CODE Level 3	RN17 CODE	Typing Method	CODE for Growth Stage Update
WLF	Unknown	Unknown	154	RN17	EUC
WLF	Unknown	Unknown	154/158n	RN17	EUC
WLF	Unknown	Unknown	154n	RN17	EUC
WLF	Unknown	Unknown	155n	RN17	EUC
WLF	Unknown	Unknown	158n	RN17	EUC
WSF	06	0602	Unknown	CRA	EUC
WSF	06/12	0602/1214	Unknown	CRA	EUC
WSF	06/13	06/13	Unknown	CRA	EUC
WSF	06/13	0602/1304	Unknown	CRA	EUC
WSF	06/13	0602/1308	Unknown	CRA	EUC
WSF	12	1214	Unknown	CRA	EUC
WSF	13	13	Unknown	CRA	EUC
WSF	13	1304	Unknown	CRA	EUC
WSF	13	1304/1308	Unknown	CRA	EUC
WSF	13	1308	Unknown	CRA	EUC
WSF	13	1308/1304	Unknown	CRA	EUC
WSF	13	1309	Unknown	CRA	EUC
WSF	13/06	13/06	Unknown	CRA	EUC
WSF	13/16	13/1602	Unknown	CRA	EUC
WSF	15	1503	Unknown	CRA	EUC
WSF	15/13	1503/13	Unknown	CRA	EUC
WSF	Unknown	Unknown	110	RN17	EUC
WSF	Unknown	Unknown	152	RN17	EUC
WSF	Unknown	Unknown	156	RN17	EUC
WSF	Unknown	Unknown	157	RN17	EUC
WSF	Unknown	Unknown	54	RN17	EUC
WSF/f03	06/f13	06/f03	Unknown	CRA	EUC
WSF/Qe	06/Qe	06/Qe	Unknown	CRA	EUC
WSF/Qe	06/Qe	0602/Qe	Unknown	CRA	EUC
WSF/Qh	06/Qh	06/Qh	Unknown	CRA	EUC
WSF/WFF	06/13	0602/1301	Unknown	CRA	EUC
WSF/WFF	06/14	0602/14	Unknown	CRA	EUC
WSF/WFF	06/14	0602/1401	Unknown	CRA	EUC
WSF/WFF	06/14	0602/1402	Unknown	CRA	EUC
WSF/WFF	12/06	1301/0602	Unknown	CRA	EUC
WSF/WFF	13	1301/1309	Unknown	CRA	EUC
WSF/WFF	13/06	1304/0601	Unknown	CRA	EUC
WSF/WFF	13/15	1301/1503	Unknown	CRA	EUC
WSF/WFF	15/13	1503/1301	Unknown	CRA	EUC
WSF/WFF	Unknown	Unknown	151/152	RN17	EUC
WSF/WFF	Unknown	Unknown	151/157	RN17	EUC
WSF/WFF	Unknown	Unknown	152/155	RN17	EUC
WSF/WFF	Unknown	Unknown	155/152	RN17	EUC
WSF/WHF	06/07	0602/0701	Unknown	CRA	EUC
WSF/WHF	06/13	0603/1304	Unknown	CRA	EUC
WSF/WHF	07/06	07/0602	Unknown	CRA	EUC
WSF/WHF	07/06	0701/0602	Unknown	CRA	EUC
WSF/WHF	07/12	07/1214	Unknown	CRA	EUC
WSF/WHF	13/06	1308/0603	Unknown	CRA	EUC
WSF/WHF	13/07	1308/0701	Unknown	CRA	EUC
WSF/WHF	Unknown	Unknown	143/152	RN17	EUC
WSF/WLF	13	1302/1308	Unknown	CRA	EUC

9.3.2 Codes and levels used by API interpreters

MAPPING LEVEL 1	Code	MAPPING LEVEL 2 (Forest/Woodland Complex)	Code	MAPPING LEVEL 3 ¹	Code	SFNSW RN17 ²	CSIRO Comm. No. ³	Keith & Bedward Veg Types ⁴	Ecosystem Descriptor; NPWS	Other Descriptor
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RAINFOREST COMMUNITIES (Refer to Appendix 9.2, API pathway, for "R" - rainforest - or "RE" - ecotonal rainforest - coding of mapping level 1)

Rainforest	R or RE	Cool Temperate Rainforest	c	<i>Elaeocarpus holopetalus</i>	01	19				
Rainforest	R or RE	Cool Temperate Rainforest	c	<i>Eucryphia moorei</i>	02	18	22		Hinterland Cool Temperate Rainforest	
Rainforest	R or RE	Warm Temperate Rainforest	w	<i>Acmena smithii</i> - <i>Acacia melanoxylon</i> / <i>Eupomatia laurina</i>	01	14	27	7	Hinterland Warm Temperate Rainforest	EVC 32. Warm Temperate Rainforest
Rainforest	R or RE	Warm Temperate Rainforest	w	<i>Acmena smithii</i> - <i>Doryphora sassafras</i>	02	14-15	104		Warm Temperate Rainforest	
Rainforest	R or RE	Warm Temperate Rainforest	w	<i>Acmena smithii</i> - <i>Doryphora sassafras</i> - <i>Livistona australis</i>	03	14-15	23, 24	49, 50	Coastal Warm Temperate Rainforest	
Rainforest	R or RE	Warm Temperate Rainforest	w	<i>Acmena smithii</i> - <i>Ficus coronata</i> - <i>Claoxylon australe</i>	04	14	28	6	Coastal Warm Temperate Rainforest	Coast
Rainforest	R or RE	Warm Temperate Rainforest	w	<i>Backhousia myrtifolia</i>	05	23				
Rainforest	R or RE	Warm Temperate Rainforest	w	<i>Pittosporum undulatum</i> - <i>Backhousia myrtifolia</i>	06	14	78	2	Hinterland Dry Rainforest	
Rainforest	R or RE	Warm Temperate Rainforest	w	<i>Acmena smithii</i> - <i>Pittosporum undulatum</i>	07	14	3, 96	47	Warm Temperate Rainforest	
Rainforest	R or RE	Warm Temperate Rainforest	w	<i>Rapanea howittiana</i> - <i>Pittosporum undulatum</i> - <i>Beyeria lasiocarpa</i>	08		29		Warm Temperate Rainforest	
Rainforest	R or RE	Dry Rainforest	d	<i>Dendrocnide excelsa</i> - <i>Claoxylon australe</i> - <i>Acmena smithii</i>	01		32		Hinterland Dry Rainforest	
Rainforest	R or RE	Dry Rainforest	d	<i>Brachychiton populneus</i> - <i>Ficus rubiginosa</i> - <i>Pittosporum undulatum</i>	02		94	1, 58	Hinterland Dry Rainforest	
Rainforest	R or RE	Sub-tropical Rainforest	s							
Rainforest	R or	Viney Scrub	v			26				

	RE									
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MAPPING LEVEL 1	Code	MAPPING LEVEL 2 (Forest/Woodland Complex)	Code	MAPPING LEVEL 3 ¹	Code	SFNSW RN17 ²	CSIRO Comm. No. ³	Keith & Bedward Veg Types ⁴	Ecosystem Descriptor; NPWS	Other Descriptor
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EUCALYPT AND RELATED FOREST AND WOODLAND COMMUNITIES

Eucalypt Forest & Woodland		Bangalay / Sydney Blue Gum Complex	01	<i>E.botryoides</i> - <i>Acacia trachyphloia</i> complex - <i>Synoum glandulosum</i>	01	50	48		Coastal Mixed Fern / Dry Shrub Forest	
Eucalypt Forest & Woodland		Bangalay / Sydney Blue Gum Complex	01	<i>E.botryoides</i> - <i>E.globoidea</i> complex	02	50	79		Coastal Dry Shrub Forest	
Eucalypt Forest & Woodland		Bangalay / Sydney Blue Gum Complex	01	<i>E.pilularis</i> - <i>E.botryoides</i>	03	50	60	36	Coastal Dune Dry Shrub Forest	Dune Dry shrub Forest
Eucalypt Forest & Woodland		Bangalay / Sydney Blue Gum Complex	01	<i>E.saligna</i> - <i>Syncarpia glomulifera</i> - <i>E.maculata</i>	04	46/49	57	45, 48	Coastal Moist Shrub Tall Forest	
Eucalypt Forest & Woodland		Blackbutt Complex	02	<i>E.pilularis</i> (<i>E.gummifera</i>)	01	37	58		Coastal Dry Shrub Forest	
Eucalypt Forest & Woodland		Blackbutt Complex	02	<i>E.pilularis</i> - <i>Livistona australis</i> (<i>E.maculata</i>)	02		26, 89	36	Coastal Moist Shrub Forest	Moist gullies
Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.agglomerata</i>	01	121				
Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.sieberi</i> - <i>E.globoidea</i> - <i>Angophora floribunda</i> (<i>E.muelleriana</i>)	02	114	49		Hinterland Mixed Fern / Dry Shrub Forest	
Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.consideniana</i>	03	102	42		Hinterland Dry Shrub Forest	
Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.sieberi</i> - <i>E.consideniana</i> - <i>E.agglomerata</i> / <i>E.globoidea</i>	04	114	80, 93, 95, 99	49, 50	Hinterland Dry Shrub Forest	
Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.globoidea</i> (<i>Angophora floribunda</i>)	05	123	44, 47		Hinterland Dry Shrub Forest	
Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.globoidea</i> - <i>E.angophoroides</i>	06	133	65	31	Hinterland Dry Shrub Forest	
Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.globoidea</i> complex - <i>E.maidenii</i> (<i>Acacia mearnsii</i>)	07	132	83		Hinterland Dry Shrub Forest	
Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.globoidea</i> comp. - <i>E.paniculata</i> (<i>E.gummifera</i>)	08	66	12		Coastal Dry Shrub Forest	

Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.radiata</i> (<i>E.globoidea</i>)	09	111		26	Hinterland Dry Shrub Forest	
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MAPPING LEVEL 1	Code	MAPPING LEVEL 2 (Forest/Woodland Complex)	Code	MAPPING LEVEL 3 ¹	Code	SFNSW RN17 ²	CSIRO Comm. No. ³	Keith & Bedward Veg Types ⁴	Ecosystem Descriptor; NPWS	Other Descriptor
Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.gummifera</i> - <i>E.consideniana</i>	10	130	61		Hinterland Dry Shrub Forest	
Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.gummifera</i> - <i>E.sieberi</i>	11	130	1	46	Hinterland Dry Shrub Forest	
Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.globoidea</i> (<i>E.tereticornis</i>)	12					
Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.sieberi</i>	13	112	11		Hinterland Dry Shrub Forest	
Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.sieberi</i> - <i>E.globoidea</i> / <i>E.agglomerata</i> / <i>E.muelleriana</i>	14	114	(54)		Hinterland Dry Shrub Forest	
Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.gummifera</i> - <i>E.agglomerata</i> / <i>E.globoidea</i>	15					
Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.baxterii</i> (<i>A.floribunda</i>)	16					
Eucalypt Forest & Woodland		Silvertop Ash / stringybark / Bloodwood Complex	03	<i>E.globoidea</i> - <i>E.consideniana</i>	17					
Eucalypt Forest & Woodland		Spotted Gum Complex	04	<i>E.maculata</i> - <i>E.longifolia</i>	01	73	12		Coastal Dry Shrub Forest	Eurobodalla Coast
Eucalypt Forest & Woodland		Spotted Gum Complex	04	<i>E.paniculata</i> - <i>E.maculata</i>	02	74	85		Coastal Mixed Herb / Dry Shrub Forest	
Eucalypt Forest & Woodland		Spotted Gum Complex	04	<i>E.pilularis</i> - <i>E.maculata</i> (<i>E.globoidea</i> complex)	03	39/76	69,105		Coastal Dry Shrub Forest	
Eucalypt Forest & Woodland		Forest Red Gum Complex	05	<i>E.tereticornis</i> - <i>E.melliodora</i> - <i>E.maidenii</i>	01	92	76		Coastal Dry Grass Forest	Shoalhaven talus slopes
Eucalypt Forest & Woodland		Forest Red Gum Complex	05	<i>E.tereticornis</i> - <i>Angophora floribunda</i>	02	92	107	18, 21	Coastal Dry Grass Forest	Coastal flats on rich soils
Eucalypt Forest & Woodland		Forest Red Gum Complex	05	<i>E.tereticornis</i>	03	92	-	20	Coastal Dry Grass Forest	
Eucalypt Forest & Woodland		Mountain Grey Gum / Yellow Stringybark	06	<i>E.cypellocarpa</i>	01	158	??	13	Hinterland Mixed Fern / Dry Shrub Forest	
Eucalypt Forest & Woodland		Mountain Grey Gum / Yellow Stringybark	06	<i>E.cypellocarpa</i> - <i>E.muelleriana</i> (<i>E.viminalis</i> / <i>E.obliqua</i> /	02	157	(45, 55) (112)	(14)	Hinterland Mixed Fern / Dry Shrub Forest	

				<i>Angophora floribunda / E.smithii</i>							
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MAPPING LEVEL 1	Code	MAPPING LEVEL 2 (Forest/Woodland Complex)	Code	MAPPING LEVEL 3 ¹	Code	SFNSW RN17 ²	CSIRO Comm. No. ³	Keith & Bedward Veg Types ⁴	Ecosystem Descriptor; NPWS	Other Descriptor
Eucalypt Forest & Woodland		Mountain Grey Gum / Yellow Stringybark	06	<i>E.cypellocarpa</i> - <i>E.obliqua</i>	03	152	16	15, 42	Hinterland Mixed Fern / Dry Shrub Forest	
Eucalypt Forest & Woodland		Mountain Grey Gum / Yellow Stringybark	06	<i>E.cypellocarpa</i> - <i>E.globoidea</i>	04	132	??	29, 30, 43, 44	Hinterland Mixed Fern / Dry Shrub Forest	
Eucalypt Forest & Woodland		Mountain Grey Gum / Yellow Stringybark	06	<i>E.muelleriana</i>	05	169	66	33	Hinterland Dry Shrub Forest	
Eucalypt Forest & Woodland		Mountain Grey Gum / Yellow Stringybark	06	<i>E.muelleriana</i> - <i>Allocasuarina littoralis</i> - <i>Acacia trachyphloia</i>	06	169	109		Hinterland Mixed Fern / Dry Shrub Forest	
Eucalypt Forest & Woodland		Mountain Grey Gum / Yellow Stringybark	06	<i>E.muelleriana</i> - <i>Pittosporum undulatum</i> - <i>Pomaderris aspera</i>	07	169	2	Hinterland Mixed Fern / Dry Shrub Forest	Difficult to Map using GIS	
Eucalypt Forest & Woodland		Mountain Grey Gum / Yellow Stringybark	06	<i>E.cypellocarpa</i> - <i>E.longifolia</i> (<i>E.globoidea</i> / <i>E.muelleriana</i>)	08					
Eucalypt Forest & Woodland		Ribbon Gum Complex	07	<i>E.viminalis</i> (<i>E.elata</i> / <i>E.radiata</i> / <i>Acacia mearnsii</i>)	01	159 / 131	75		Hinterland Riparian Grass-Herb Forest	EVC 18 [E.Gippsland]
Eucalypt Forest & Woodland		River Peppermint / Apple Complex	08	<i>Angophora floribunda</i>	01	129		37	Coastal Dry Shrub Forest	
Eucalypt Forest & Woodland		River Peppermint / Apple Complex	08	<i>E.elata</i> - <i>Angophora floribunda</i> (<i>Casuarina cunninghamiana</i>)	02	129	62	19 ?	Riverine Herb/Dry Grass Forest	River beds
Eucalypt Forest & Woodland		River Peppermint / Apple Complex	08	<i>E.elata</i>	03	166				
Eucalypt Forest & Woodland		River Peppermint / Apple Complex	08	<i>E.elata</i> - <i>E.cypellocarpa</i> - <i>E.globoidea</i>	04		77		Hinterland Mixed Herb / Dry Shrub Forest	
Eucalypt Forest & Woodland		River Peppermint / Apple Complex	08	<i>E.elata</i> - <i>Angophora floribunda</i> (<i>Ac.trachyphloia</i>)	05	129	110		Coastal Mixed Herb / Dry Shrub Forest	
Eucalypt Forest & Woodland		Tableland Scribbly Gum / Red Stringybark Complex	09	<i>E.rossii</i> - <i>E.macroryncha</i> - <i>E.polyanthemus</i>	01	125	114		Tableland Dry Grass Forest	
Eucalypt Forest &		Tableland Scribbly Gum /	09	<i>E.rossii</i> (<i>E.mannifera</i>)	02	117	36		Tableland Dry Grass	

Woodland		Red Stringybark Complex							Forest	
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MAPPING LEVEL 1	Code	MAPPING LEVEL 2 (Forest/Woodland Complex)	Code	MAPPING LEVEL 3 ¹	Code	SFNSW RN17 ²	CSIRO Comm. No. ³	Keith & Bedward Veg Types ⁴	Ecosystem Descriptor; NPWS	Other Descriptor
Eucalypt Forest & Woodland		Tableland Scribbly Gum / Red Stringybark Complex	09	<i>E.macrorhyncha</i>	03	124				
Eucalypt Forest & Woodland		Tableland Scribbly Gum / Red Stringybark Complex	09	<i>E.macrorhyncha - E.rossii</i>	04	125	38	22	Tableland Dry Grass Forest	
Eucalypt Forest & Woodland		Tableland Scribbly Gum / Red Stringybark Complex	09	<i>E.macrorhyncha - E.goniocalyx</i>	05		-		Tableland Dry Grass Forest	
Eucalypt Forest & Woodland		Sydney Peppermint Complex	10	<i>E.piperita (E.sieberi)</i>	01	113	14		Hinterland Dry Shrub Forest	
Eucalypt Forest & Woodland		Sydney Peppermint Complex	10	<i>E.piperita - E.gummifera (E.sieberi)</i>	02	116	56		Hinterland Dry Shrub Forest	
Eucalypt Forest & Woodland		Sydney Peppermint Complex	10	<i>E.piperita - Elaeocarpus reticulatus (Acacia trachyphloia complex)</i>	03	115	88, 105		Coastal Moist Shrub Forest	
Eucalypt Forest & Woodland		Gully Peppermint Complex	11	<i>E.smithii (E.sieberi / Beyeria lasiocarpa)</i>	01	165	43	3	Hinterland Dry Shrub Forest	
Eucalypt Forest & Woodland		Gum / Box / Ironbark Complex	12	<i>E.angophoroides - E.polyanthemos</i>	01		??	27	Hinterland Herb-Grass Woodland	
Eucalypt Forest & Woodland		Gum / Box / Ironbark Complex	12	<i>E.angophoroides - E.maidenii - E.tricarpa</i>	02		??		Hinterland Herb-Grass Forest	
Eucalypt Forest & Woodland		Gum / Box / Ironbark Complex	12	<i>E.bridgesiana - E.melliodora</i>	03	103	63		Tableland Dry Grass Forest	
Eucalypt Forest & Woodland		Gum / Box / Ironbark Complex	12	<i>E.cinerea (E.bundy group / E.mannifera)</i>	04		20			
Eucalypt Forest & Woodland		Gum / Box / Ironbark Complex	12	<i>E.longifolia - E.paniculata - E.globoidea</i>	05	63	4	32	Coastal Mixed Dry Grass-Shrub Forest	
Eucalypt Forest & Woodland		Gum / Box / Ironbark Complex	12	<i>E.longifolia - E.tricarpa - E.globoidea / E.agglomerata / E.muelleriana</i>	06	63	(81)		Coastal Dry Shrub Forest	
Eucalypt Forest & Woodland		Gum / Box / Ironbark Complex	12	<i>E.polyanthemos</i>	07	99				
Eucalypt Forest & Woodland		Gum / Box / Ironbark Complex	12	<i>E.albens -E.blakelyii</i>	08	175	-		Western Slopes Dry Grass Woodland	
Eucalypt Forest & Woodland		Gum / Box / Ironbark Complex	12	<i>E.baueriana - E.bosistoana</i>	09	88	93		Coastal Dry Grass Forest	EVC 15 (East Gippsland) - limestone

MAPPING LEVEL 1	Code	MAPPING LEVEL 2 (Forest/Woodland Complex)	Code	MAPPING LEVEL 3 ¹	Code	SFNSW RN17 ²	CSIRO Comm. No. ³	Keith & Bedward Veg Types ⁴	Ecosystem Descriptor; NPWS	Other Descriptor
Eucalypt Forest & Woodland		Gum / Box / Ironbark Complex	12	<i>E.melliodora</i> (<i>E.blakelyii</i>)	10	171	51		Tableland Dry Grass Forest	Yellow Box/Apple Box
Eucalypt Forest & Woodland		Gum / Box / Ironbark Complex	12	<i>E.sideroxylon</i> (includes <i>tricarpa</i>)	11	206	??		Western Slopes Dry Shrub Woodland	
Eucalypt Forest & Woodland		Gum / Box / Ironbark Complex	12	<i>E.bosistoana</i> - <i>E.longifolia</i> - <i>E.muelleriana</i>	12	86	113		Coastal Dry Shrub Forest	
Eucalypt Forest & Woodland		Gum / Box / Ironbark Complex	12	<i>E.bosistoana</i> (<i>E.cypellocarpa</i> / <i>E.maidenii</i> / <i>E.globoidea</i> / <i>E.agglomerata</i> / <i>E.muelleriana</i> / <i>E.longifolia</i>)	13	88				
Eucalypt Forest & Woodland		Gum / Box / Ironbark Complex	12	<i>E.bauriana</i> (<i>E.cypellocarpa</i> / <i>E.elata</i> / <i>E.viminalis</i> / <i>E.globoidea</i>)	14					
Eucalypt Forest & Woodland		Brown Barrel / Messmate / Gum Complex	13	<i>E.fastigata</i> - <i>E.cypellocarpa</i> / <i>E.maidenii</i> / <i>E.viminalis</i> / <i>E.dalrympleana</i> / <i>E.nitens</i>	01	155	97	12, 16	Montane Moist Shrub Forest	
Eucalypt Forest & Woodland		Brown Barrel / Messmate / Gum Complex	13	<i>E.fastigata</i> (<i>E.radiata</i> / <i>Bedfordia arborescens</i> / <i>Pomaderris aspera</i>)	02	154	100	10	Montane Moist Shrub Forest	
Eucalypt Forest & Woodland		Brown Barrel / Messmate / Gum Complex	13	<i>E.fastigata</i> - <i>E.nitens</i> - <i>E.badjensis</i>	03	155	10			
Eucalypt Forest & Woodland		Brown Barrel / Messmate / Gum Complex	13	<i>E.fastigata</i> - <i>E.cypellocarpa</i> - <i>E.obliqua</i>	04		17	11	Montane Moist Shrub Forest	
Eucalypt Forest & Woodland		Brown Barrel / Messmate / Gum Complex	13	<i>E.fastigata</i> (<i>Elaeocarpus</i> <i>holopetalus</i>)	05	154	101	8	Montane Moist Shrub Forest	
Eucalypt Forest & Woodland		Brown Barrel / Messmate / Gum Complex	13	<i>E.sieberi</i> - <i>E.obliqua</i> / <i>E.fastigata</i>	06	156	7		Hinterland Dry Shrub Forest	
Eucalypt Forest & Woodland		Brown Barrel / Messmate / Gum Complex	13	<i>E.obliqua</i>	07	150				
Eucalypt Forest & Woodland		Brown Barrel / Messmate / Gum Complex	13	<i>E.obliqua</i> - <i>E.cypellocarpa</i> / <i>E.viminalis</i>	08	152				

MAPPING LEVEL 1	Code	MAPPING LEVEL 2 (Forest/Woodland Complex)	Code	MAPPING LEVEL 3 ¹	Code	SFNSW RN17 ²	CSIRO Comm. No. ³	Keith & Bedward Veg Types ⁴	Ecosystem Descriptor; NPWS	Other Descriptor
Eucalypt Forest & Woodland		Brown Barrel / Messmate / Gum Complex	13	<i>E.fastigata - E.radiata - E.viminalis</i>	09		6	17	Tableland Mixed Herb /Grass Forest	Flats above drainage lines
Eucalypt Forest & Woodland		Brown Barrel / Messmate / Gum Complex	13	<i>E.obliqua - E.radiata (E.viminalis)</i>	10		?	25	Tableland Dry Shrub Forest	Sandstone soils - SE Forests
Eucalypt Forest & Woodland		Southern Blue Gum Complex	14	<i>E.maidenii</i>	01	158				
Eucalypt Forest & Woodland		Southern Blue Gum Complex	14	<i>E.maidenii - E.globoidea</i>	02	132	??	28, 35	Hinterland Dry Grass Forest	
Eucalypt Forest & Woodland		Southern Blue Gum Complex	14	<i>E.pseudoglobulus</i>	03	164	74			
Eucalypt Forest & Woodland		Tableland & Escarpment Ash Complex	15	<i>E.fraxinoides</i>	01	162				
Eucalypt Forest & Woodland		Tableland & Escarpment Ash Complex	15	<i>E.stenosoma - Allocasuarina littoralis</i>	02		9		Tableland Moist Shrub Forest	Jillaga ash
Eucalypt Forest & Woodland		Tableland & Escarpment Ash Complex	15	<i>E.fraxinoides - E.fastigata</i>	03	156	67		Tableland Moist Shrub Forest	White Ash / Brown Barrel
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E.radiata - E.bridgesiana - Acacia melanoxylon</i>	01	111	71		Tableland Mixed Herb /Grass Forest	
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E.dalrympleana / E.viminalis</i>	02	159				(rw - Tableland form of 1701)
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E dives - E.dalrympleana</i>	03	131	15		Montane Mixed Herb / Shrub Forest	(see 1612)
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E.mannifera</i>	04	109	52		Tableland Dry Shrub Forest	
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E.mannifera - E.dives</i>	05	110				
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E.nitens</i>	06	158				
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E.pauciflora</i>	08	138	8		Montane Mixed Herb / Shrub Forest	
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E.pauciflora - E.delegatensis (Acacia melanoxylon)</i>	09	148	35		Montane Mixed Herb / Shrub Forest	
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E.pauciflora - E.dives - E.rubida</i>	10	140	34		Montane Mixed Herb / Shrub Forest	
Eucalypt Forest &		Tableland Gum /	16	<i>E.perriniana -</i>	11		21		Montane Mixed Herb	

Woodland		Peppermint Complex		<i>E.pauciflora</i>					/ Shrub Forest	
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E.radiata</i> / <i>E dives</i> - <i>dalrympleana</i> / <i>E.viminalis</i>	12	131	46		Tableland Mixed Herb / Grass Forest	
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E.pauciflora</i> - <i>E.dalrympleana</i> / <i>E.rubida</i> / <i>E.viminalis</i>	14	140	-		Tablelands Swamp Forest	
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E.sieberi</i> - <i>E.radiata</i> / <i>E dives</i>	15	113	11		Tablelands Dry Shrub Forest	Distinct community - Delegate area
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E.stellulata</i> - <i>E.pauciflora</i> (<i>E.camphora</i>)	16	136	18	24	Montane Mixed Herb / Shrub Forest	
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E.viminalis</i> - <i>E.melliodora</i>	17	159	-		Limestone Grass-Herb Woodland	
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E.viminalis</i> - <i>E.pauciflora</i>	18	140		71	Tablelands Dry Grassy Woodland	
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E.radiata</i> / <i>E dives</i>	19	111				
Eucalypt Forest & Woodland		Tableland Gum / Peppermint Complex	16	<i>E.kybeanensis</i> - <i>E.paliformis</i>	20		-	Tablelands Dry Shrub Low Forest		
Eucalypt Forest & Woodland		Cypress Pine Complex	17	<i>Callitris endlicheri</i>	01	180	??		Western Slopes Dry Shrub Forest	
Eucalypt Forest & Woodland		Cypress Pine Complex	17	<i>Callitris endlicheri</i> (<i>E.bridgesiana</i> / <i>Acacia mearnsii</i>)	02	182	68		Tableland Dry Grass Forest	
Eucalypt Forest & Woodland		Cypress Pine Complex	17	<i>E.albens</i> - <i>Callitris glaucophylla</i>	03	193	92		Western Slopes Dry Grass Woodland	
Eucalypt Forest & Woodland		High Altitude Gum Complex	18	<i>E.niphophila</i>	01	139	70		Alpine Low Forest	
Eucalypt Forest & Woodland		High Altitude Gum Complex	18	<i>E.delegatensis</i> - <i>E.dairympleana</i> (<i>E.pauciflora</i>)	02	148	35		Montane Mixed Herb / Shrub Forest	
Eucalypt Forest & Woodland		River Red Gum Complex	19	<i>E.camaldulensis</i>	01	199	??		Flood Plains Herb Forest	
Eucalypt Forest & Woodland		Coastal / Hinterland Scribbly Gum Complex	20	<i>E.sclerophylla</i> - <i>E.gummifera</i>	01	119	103		Coastal Shrub Low Woodland	Flat plateaux of Jervis Bay and Cudmirrah
Eucalypt Forest & Woodland	H	Level 2 forest / woodland types likely to occur are: (list level 3 types separated with a "/" i.e		Level 3 forest / woodland types likely to occur are: (list level 3 types separated with a "/" i.e						

		<i>indicating types may alternate within the polygon)</i>		<i>indicating types may alternate within the polygon)</i>						
Eucalypt Forest & Woodland	N	Level 2 forest / woodland types likely to occur are: <i>(list level 3 types separated with a "/" i.e indicating types may alternate within the polygon)</i>		Level 3 forest / woodland types likely to occur are: <i>(list level 3 types separated with a "/" i.e indicating types may alternate within the polygon)</i>						
Eucalypt Forest & Woodland		NOT CLASSIFIED	99							

OTHER FOREST

Other Forest	Q	Banksia	a	<i>Banksia serrata - E.globoidea</i>	01	107	102		(Coastal?) / Hinterland Dry Shrub Low Woodland	
Other Forest	Q	Melaleuca	b	<i>Melaleuca armillaris</i>	01	31	-	51	Hinterland Rock Scrubs	
Other Forest	Q	Casuarina / Allocasuarina	d	<i>Allocasuarina verticillata</i>	01		50		Tableland Shrubland	
Other Forest	Q	Casuarina / Allocasuarina	e	<i>Allocasuarina littoralis</i>	02					
Other Forest	Q	Swamp Forest	f	<i>Casuarina glauca (E.botryoides)</i>	01		84		Coastal Swamp Oak Forest	Swamp forest
Other Forest	Q	Acacia	h							
Other Forest	Q	Tree fern	k							

RARE OR FINE FOREST AND WOODLAND COMMUNITIES

Rare or Fine Forest & Woodland		Rare/ fine communities	f	<i>E.botryoides</i>	01	50	115	36	Coastal Moist Shrub Forest	Moist Forest, drainage lines
Rare or Fine Forest & Woodland		Rare/ fine communities	f	<i>E.viminalis</i>	02	159	6	17	Riparian Herb Forest	Drainage lines
Rare or Fine Forest & Woodland		Rare/ fine communities	f	<i>E.ovata</i>	03					
Rare or Fine Forest & Woodland		Rare/ fine communities	f	<i>E.camphora</i>	04	143	??		Tablelands Swamp Forest	
Rare or Fine Forest & Woodland		Rare/ fine communities	f	<i>E.robusta</i>	05					
Rare or Fine Forest & Woodland		Rare/ fine communities	f	<i>Casuarina cunninghamiana</i>	06		40	40	Riverine Herb Forest	

Rare or Fine Forest & Woodland		Rare/ fine communities	f	<i>E.macarthurii</i>	07					
Rare or Fine Forest & Woodland		Rare/ fine communities	f	<i>E.imlayensis</i>	08					
Rare or Fine Forest & Woodland		Rare/ fine communities	f	<i>E.aggregata</i>	09					
Rare or Fine Forest & Woodland		Rare/ fine communities	f	<i>E.olsenii</i>	10					
Rare or Fine Forest & Woodland		Rare/ fine communities	f	<i>E.pulverulenta</i>	11					
Rare or Fine Forest & Woodland		Rare/ fine communities	f	<i>E.badjensis</i>	12					

STRUCTURALLY COMPLEX COMMUNITIES / NATURAL FEATURES (communities comprised of various growth forms and or natural features. e.g. fragmented pattern of shrub, tree and rock outcrops)

Structurally Complex Communities	W	Littoral complex	l	<i>Banksia integrifolia / Acacia sophorae, etc</i>	01		59	61	Dune Shrubland	Coastal Dune and Swales
Structurally Complex Communities	W	Littoral complex	l	<i>Melaleuca armillaris</i>	02					
Structurally Complex Communities	W	Plateau complex	p	<i>E.obstans / E.stricta</i>	01		87	Hinterland Mallee Low Woodland	Plateau Heath Complex	
Structurally Complex Communities	W	Estuarine complex (saltbush, mangroves etc)	m							
Structurally Complex Communities	W	Riparian complex (mosaic of shrubs, trees, rock and water)	r							
Structurally Complex Communities	W	Rock/shrub complex	s					51		
Structurally Complex Communities	W	Tableland Herbaceous complex associated with seepage areas and drainage depressions	h	<i>Poa labillardiera / Carex species, etc</i>	01					

NON-FOREST COMMUNITIES

Shrubland (scrub generally 2-5m)	S	Banksia Shrubland	b	<i>Banksia serrata</i>	01		73		Coastal Shrubland	
Shrubland (scrub generally 2-5m)	S	Riparian Shrubland	r	<i>Leptospermum species - Acacia floribunda</i>	01		-	3	Riverine Shrubland	
Shrubland (scrub generally 2-5m)	S	Riparian Shrubland	r	<i>Tristaniopsis laurina</i>	02		25	38	Riverine Shrubland	

Shrubland (scrub generally 2-5m)	S	Tea-tree Shrubland	k	<i>Kunzea ericoides</i>	01					
Shrubland (scrub generally 2-5m)	S	Wattle Shrubland	w	<i>Acacia sylvestris</i> (<i>E.smithii</i>)	01		30	4	Hinterland Dry Acacia Shrubland	Steep rocky slopes on Ordovician metasediments
Shrubland (scrub generally 2-5m)	S	Bedfordia Shrubland	a	<i>Bedfordia arborescens</i>	01					
Heath (generally < 2m)	T	Alpine Heath Shrubland	a	<i>Prostanthera cuneata</i> - <i>Bossiaea foliosa</i> - <i>E.pacris microphylla</i>	01		-		Alpine Shrubland	
Heath (generally < 2m)	T	Dry Heath Shrubland	d	<i>Melaleuca armillaris</i> - ??	01		5	51, 59	Coastal Shrubland	Rock Scrubs - Eden
Heath (generally < 2m)	T	Dry Heath Shrubland	d	<i>Banksia paludosa</i> - <i>E.pacris microphylla</i>	02		-	54	Coastal Swamp Heath	
Heath (generally < 2m)	T	Dry Heath Shrubland	d	<i>Leptospermum continentale</i> - <i>Allocasuarina paludosa</i>	03		-	56	Coastal Swamp Heath	
Heath (generally < 2m)	T	Tableland Heath Shrubland	t	<i>Allocasuarina nana</i>	01			53	Tablelands Heath	
Heath (generally < 2m)	T	Wet Heath Shrubland	w	<i>Banksia paludosa</i> - <i>Allocasuarina. paludosa</i> - <i>Hypolaena fastigiata</i>	01		-	55	Coastal Lowland Heath	
Heath (generally < 2m)	T	Wet Heath Shrubland	w	<i>Melaleuca squarrosa</i> - <i>Lepidosperma forsythii</i>	02			57	Coastal Swamp	
Swamp	U	Sedgeland (+ Rushland)	s	<i>Hakea microcarpa</i> - <i>Restio australis</i>	01		-	59	Alpine Sedgeland	
Grassland	V	Tussock Grassland	t	<i>Poa caespitosa</i> - <i>Celmisia foliosa</i>	01		-		Alpine Grassland	
Grassland	V	Tussock Grassland	t	<i>Poa labillardieri</i>	02		-		Tableland Grassland	

EXOTIC COMMUNITIES

Introduced Communities	X	Bitou Bush	b	<i>Chrysanthemoides monilifera</i>	01					
Introduced Communities	X	Willow	w	<i>Salix babylonica</i>	01		19		Exotic Willow Forest	

EXCLUDED AREAS

Excluded Areas	Z	Development	b	<i>Agricultural</i>	01					
Excluded Areas	Z	Development	b	<i>Conifer plantation</i>	02					
Excluded Areas	Z	Development	b	<i>Eucalypt plantation (may</i>	03					

				<i>include silvicultural research plots)</i>						
Excluded Areas	Z	Development	b	<i>Other plantation</i>	04					
Excluded Areas	Z	Development	b	<i>Industrial</i>	05					
Excluded Areas	Z	Development	b	<i>Recreational</i>	06					
Excluded Areas	Z	Development	b							
Excluded Areas	Z	Open Water	w							
Excluded Areas	Z	Cleared but unclassified	z							

CLEARED LAND WITH SPARSE TO VERY SPARSE TREE COVER

Cleared land with sparse to very sparse tree cover (min density = one mature or senescent tree in 5 ha)	K	Level 2 forest / woodland types likely to occur are: (list level 3 types separated with a "/" i.e. indicating types may alternate within the polygon)		Level 3 forest / woodland types likely to occur are: (list level 3 types separated with a "/" i.e. indicating types may alternate within the polygon)						
---	---	---	--	---	--	--	--	--	--	--

- 1 **"Boldface"** indicates species always present; "-" indicates "and"; "/" indicates "and/or"; "()" similar to "and/or" but indicates all or one species may be locally absent. For example: **E.viminalis** - (E.elata / E.radiata / Ac mearnsii) indicates E.viminalis always present but all of the others bracketed may be locally absent, present singularly, or in any combination.
- 2 State Forests of NSW Research Note 17 Forest Typing (Forestry Commission of New South Wales 1989)
- 3 CSIRO Community Number
- 4 Keith and Bedward Vegetation Types **from Eden Interim Assessment Process (Keith and Bedward 1995)**

9.4 API GROWTH STAGE PATHWAY

9.5 FINAL GROWTH STAGE MAP ATTRIBUTE CODES

Coding derived to avoid duplication of codes between broad forest class typing and growth stage mapping. Only Eucalypt and related forest and woodland communities are being given growth stage attributes.

Growth Stage Code	Proportion of Regrowth and Senescing and disturbance indicators
tA	<10% Regrowth/ >30% Senescence
tAF	<10% Regrowth/ >30% Senescence with fire disturbance
tAY	<10% Regrowth/ >30% Senescence with logging disturbance
tAFY	<10% Regrowth/ >30% Senescence with fire and logging disturbance
tB	<10% Regrowth/ 10-30% Senescence
tBF	<10% Regrowth/ 10-30% Senescence with fire disturbance
tBY	<10% Regrowth/ 10-30% Senescence with logging disturbance
tBFY	<10% Regrowth/ 10-30% Senescence with fire and logging disturbance
tC	<10% Regrowth/ <10% Senescence
tCF	<10% Regrowth/ <10% Senescence with fire disturbance
tCY	<10% Regrowth/ <10% Senescence with logging disturbance
tCFY	<10% Regrowth/ <10% Senescence with fire and logging disturbance
sA	10-30% Regrowth/ >30% Senescence
sAF	10-30% Regrowth/ >30% Senescence with fire disturbance
sAY	10-30% Regrowth/ >30% Senescence with logging disturbance
sAFY	10-30% Regrowth/ >30% Senescence with fire and logging disturbance
sB	10-30% Regrowth/ 10-30% Senescence
sBF	10-30% Regrowth/ 10-30% Senescence with fire disturbance
sBY	10-30% Regrowth/ 10-30% Senescence with logging disturbance
sBFY	10-30% Regrowth/ 10-30% Senescence with fire and logging disturbance
sC	10-30% Regrowth/ <10% Senescence
sCF	10-30% Regrowth/ <10% Senescence with fire disturbance
sCY	10-30% Regrowth/ <10% Senescence with logging disturbance
sCFY	10-30% Regrowth/ <10% Senescence with fire and logging disturbance
eA	>30% regrowth/ >30% senescence
eAF	>30% regrowth/ >30% senescence with fire disturbance
eB	>30% regrowth/ 10-30% senescence
eBF	>30% regrowth/ 10-30% senescence with fire disturbance
eC	>30% regrowth/ <10% senescence
eCF	>30% regrowth/ <10% senescence with fire disturbance
O	Other Forest (non forest)
R	Rainforest with <5-10% pryrophytic emergents
RE	Rainforest with >10% pryrophytic emergents
L	Recently Logged Forest

9.6 GROWTH STAGE MAP ACCURACY ASSESSMENT RESULTS

9.6.1 Photography checked

1:25K Mapsheet	Photography	Run	Photo No.
Bega	Bega	9	118
Bega	Bega	10	34
Bega	Bega	11	47
Bemboka	Bega	2	36
Brogo	Bega	8	170
Brogo	Bega	8	171
Brogo	Bega	9	123
Brogo	Bega	10	28
Brogo	Bega	11	42
Burragate	Eden	4	167
Candelo	Bega	2	33
Candelo	Bega	3	113
Candelo	Bega	5	41
Candelo	Bega	5	42
Cobargo	Cobargo	7	121
Cobargo	Cobargo	10	23
Cobargo	Cobargo	10	24
Cobargo	Cobargo	11	33
Cobargo	Cobargo	11	35
Coolumbooka	Bombala	12	88
Coolumbooka	Bombala	12	91
Coolumbooka	Bombala	13	56
Craigie	Craigie	3	215
Craigie	Craigie	3	224
Eden	Eden	8	153
Eden	Eden	6	100
Eden	Eden	6	98
Glen Allen	Bombala	5	54
Kiah	Eden	9	94
Kiah	Eden	7	113
Kiah	Eden	7	113
Kydra	Cooma	12	132
Kydra	Cooma	13	172
Mt Imlay	Eden	1	214
Mt Imlay	Eden	2	15
Mt Imlay	Eden	4	159
Mt Imlay	Eden	5	64
Nadgee	Eden	7	125
Nalbaugh	Craigie	1	42
Nalbaugh	Craigie	1	45
Narooma	Cobargo	1	181
Narrabarba	Eden	9	89
Nungatta	Craigie	5	179
Nungatta	Craigie	5	180
Nungatta	Craigie	6	156
Pambula	Bega	6	59
Puen Buen	Cobargo	1	183
Puen Buen	Cobargo	5	23
Timbillica	Eden	1	220
Timbillica	Eden	2	10
Timbillica	Eden	4	155
Timbillica	Eden	4	156

1:25K Mapsheet	Photography	Run	Photo No.
Wolumla	Bega	8	158
Wolumla	Bega	8	159
Wyndham	Bega	5	43
Wyndham	Bega	1	206
Yambulla	Craigie	8	61
Yankees Gap	Bega	4	184
Yowrie	Cobargo	2	55
Yowrie	Cobargo	2	56

9.6.2 Polygon code agreement matrices between validators and growth stage map collated by API heritage*

No. of Prints Checked: 56

Polygons not changed from original BOGMP growth stage map

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
c h e c k e r	tA	38	13	2	9	4	0	0	0	0	0	66	28
	tB	8	94	20	11	46	13	0	0	0	0	192	90
	tC	0	8	42	0	5	29	2	0	0	2	88	38
	sA	0	1	0	8	0	0	0	0	0	0	9	0
	sB	3	3	3	9	101	9	0	0	0	0	128	9
	sC	0	5	8	3	17	130	6	0	0	1	170	7
	eA	0	0	0	0	0	2	0	0	0	0	2	0
	eB	0	0	0	0	0	0	1	0	0	0	1	0
	eC	0	0	0	0	0	3	2	0	5	1	11	1
	L	0	0	0	1	0	0	0	0	0	82	83	
	Total	49	124	75	41	173	186	11	0	5	86	500	173
		11	17	11	13	17	5	3	0	0	77	750	

Polygons assigned a new code during CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
c h e c k e r	tA	14	11	2	2	0	1	0	0	0	0	30	16
	tB	11	120	18	1	18	6	0	2	2	0	178	47
	tC	0	21	77	1	4	10	0	0	2	0	115	17
	sA	0	0	0	4	0	1	0	0	0	0	5	1
	sB	4	15	2	4	58	8	2	2	1	0	96	13
	sC	2	18	34	2	17	56	1	9	25	0	164	35
	eA	0	0	0	0	0	0	0	0	0	0	0	0
	eB	0	0	0	0	0	0	0	2	0	0	2	0
	eC	1	2	5	0	1	12	3	24	166	1	215	1
	L	0	0	1	0	1	1	0	3	5	1	12	
	Total	32	187	139	14	99	95	6	42	201	2	498	130
		18	56	42	6	19	13	3	27	5	189	817	

New polygons inserted into the CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
c h e c k e r	tA	7	1	0	0	0	0	0	0	0	0	8	1
	tB	2	22	4	2	7	1	0	0	0	0	38	14
	tC	1	5	11	0	2	0	0	0	0	0	19	2
	sA	0	0	0	2	0	0	0	0	0	0	2	0
	sB	1	3	4	4	26	0	0	0	2	0	40	2
	sC	1	7	13	0	8	36	0	4	2	0	71	6
	eA	0	0	0	0	0	0	0	0	0	0	0	0
	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	2	5	1	4	18	0	30	0
	L	0	0	1	0	4	0	0	0	1	1	7	
	Total	12	38	33	8	49	42	1	8	23	1	123	25
		5	15	18	4	14	5	1	4	1	67	215	

Combination of all polygons regardless of API heritage*

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
c h e c k e r	tA	59	25	4	11	4	1	0	0	0	0	104	45
	tB	21	236	42	14	71	20	0	2	2	0	408	151
	tC	1	34	130	1	11	39	2	0	2	2	222	57
	sA	0	1	0	14	0	1	0	0	0	0	16	1
	sB	8	21	9	17	185	17	2	2	3	0	264	24
	sC	3	30	55	5	42	222	7	13	27	1	405	48
	eA	0	0	0	0	0	2	0	0	0	0	2	0
	eB	0	0	0	0	0	0	1	2	0	0	3	0
	eC	1	2	5	0	3	20	6	28	189	2	256	2
	L	0	0	2	1	5	1	0	3	6	84	102	
	Total	93	349	247	63	321	323	18	50	229	89	1121	328
		34	88	71	23	50	23	7	31	6	333	1782	

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

9.6.3 Polygon code agreement matrices between validators and growth stage map by 1:25,000 map sheet and API heritage*

1:25K Map Sheet: **Bega**
 No. of Prints Checked: **3**

Polygons not changed from original BOGMP growth stage map

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	1	0	0	0	0	0	0	0	0	0	1	0
c tB	1	2	0	1	4	1	0	0	0	0	9	6
h tC	0	0	0	0	0	3	1	0	0	0	4	4
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	3	1	0	0	0	0	4	1
k sC	0	0	0	0	1	7	0	0	0	0	8	0
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	1	1	
Total	2	2	0	1	8	12	1	0	0	1	14	11
	1	0	0	0	1	0	0	0	0		2	27

Polygons assigned a new code during CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	0	0	0	0	0	0	0	0	0	0	0	0
c tB	1	2	0	0	4	0	0	0	0	0	7	4
h tC	0	0	1	0	2	3	0	0	1	0	7	6
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	1	0	0	0	0	0	1	0
k sC	0	0	1	0	2	4	0	1	3	0	11	4
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	2	7	0	9	0
L	0	0	0	0	0	0	0	0	0	0	0	
Total	1	2	2	0	9	7	0	3	11	0	15	14
	1	0	1	0	2	0	0	2	0		6	35

New polygons inserted into the CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	0	0	0	0	0	0	0	0	0	0	0	0
c tB	0	0	0	0	0	0	0	0	0	0	0	0
h tC	0	0	0	0	2	0	0	0	0	0	2	2
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	1	0	0	0	0	0	1	0
k sC	0	0	0	0	0	2	0	1	0	0	3	1
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	1	0	1	0
L	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0	0	0	3	2	0	1	1	0	4	3
	0	0	0	0	0	0	0	0	0		0	7

Combination of all polygons regardless of API heritage*

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	1	0	0	0	0	0	0	0	0	0	1	0
c tB	2	4	0	1	8	1	0	0	0	0	16	10
h tC	0	0	1	0	4	6	1	0	1	0	13	12
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	5	1	0	0	0	0	6	1
k sC	0	0	1	0	0	13	0	2	3	0	22	5
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	2	8	0	10	0
L	0	0	0	0	0	0	0	0	0	1	1	
Total	3	4	2	1	20	21	1	4	12	1	33	28
	2	0	1	0	3	0	0	2	0		8	69

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Bemboka**

No. of Prints Checked: 1

Polygons not changed from original BOGMP growth stage map

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	1	0	0	0	0	0	0	0	0	1
h tC	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	0	0	0	0	0	0	0
k sC	0	0	0	0	0	2	0	0	0	0	2
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	0	2	0	0	0	0	3
	0	0	0	0	0	0	0	0	0	0	3

Polygons assigned a new code during CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	1	0	0	0	0	0	0	0	0	0	1
h tC	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	0	0	0	0	0	0	0
k sC	0	3	0	0	0	0	0	0	0	0	3
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	1	0	0	0	0	1	0	0	0	2
L	0	0	0	0	0	0	0	0	0	0	0
Total	1	4	0	0	0	0	1	0	0	0	6
	1	4	0	0	0	0	1	0	0	0	6

New polygons inserted into the CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	0	0	0	0	0	0	0	0	0	0
h tC	0	3	3	0	0	0	0	0	0	0	6
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	0	0	0	0	0	0	0
k sC	0	0	1	0	2	0	0	0	0	0	3
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	1	0	1
L	0	0	0	0	0	0	0	0	0	0	0
Total	0	3	4	0	2	0	0	0	1	0	4
	0	3	1	0	2	0	0	0	0	0	6

Combination of all polygons regardless of API heritage*

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	1	1	0	0	0	0	0	0	0	0	2
h tC	0	3	3	0	0	0	0	0	0	0	6
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	0	0	0	0	0	0	0
k sC	0	3	1	0	2	2	0	0	0	0	8
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	1	0	0	0	0	1	1	0	0	3
L	0	0	0	0	0	0	0	0	0	0	0
Total	1	8	4	0	2	2	0	1	1	0	7
	1	7	1	0	2	0	0	1	0	0	12

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Brogo**

No. of Prints Checked: **5**

Polygons not changed from original BOGMP growth stage map

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
c h e c k e r	tA	5	1	0	1	0	0	0	0	0	0	7	2
	tB	0	5	0	4	7	2	0	0	0	0	18	13
	tC	0	1	0	0	0	1	0	0	0	0	2	1
	sA	0	0	0	0	0	0	0	0	0	0	0	0
	sB	1	1	1	1	11	3	0	0	0	0	18	3
	sC	0	0	1	1	3	15	1	0	0	0	21	1
	eA	0	0	0	0	0	0	0	0	0	0	0	0
	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0	0	0	5	5	
	Total	6	8	2	7	21	21	1	0	0	5	41	20
		1	2	2	2	3	0	0	0	0		10	71

Polygons assigned a new code during CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
c h e c k e r	tA	2	0	0	0	0	0	0	0	0	0	2	0
	tB	0	3	0	0	0	0	0	0	0	0	3	0
	tC	0	0	3	0	0	0	0	0	0	0	3	0
	sA	0	0	0	0	0	0	0	0	0	0	0	0
	sB	0	0	1	0	5	1	1	1	0	0	9	3
	sC	0	0	4	0	0	9	0	0	6	0	19	6
	eA	0	0	0	0	0	0	0	0	0	0	0	0
	eB	0	0	0	0	0	0	0	1	0	0	1	0
	eC	0	0	0	0	0	1	0	4	19	0	24	0
	L	0	0	0	0	0	0	0	0	0	0	0	
	Total	2	3	8	0	5	11	1	6	25	0	42	9
		0	0	5	0	0	1	0	4	0		10	61

New polygons inserted into the CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
c h e c k e r	tA	0	0	0	0	0	0	0	0	0	0	0	0
	tB	0	0	0	0	0	0	0	0	0	0	0	0
	tC	0	0	1	0	0	0	0	0	0	0	1	0
	sA	0	0	0	0	0	0	0	0	0	0	0	0
	sB	0	1	1	0	0	0	0	0	0	0	2	0
	sC	0	2	3	0	0	1	0	1	1	0	8	2
	eA	0	0	0	0	0	0	0	0	0	0	0	0
	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0	0	0	0	0	
	Total	0	3	5	0	0	1	0	1	1	0	2	2
		0	3	4	0	0	0	0	0	0		7	11

Combination of all polygons regardless of API heritage*

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
c h e c k e r	tA	7	1	0	1	0	0	0	0	0	0	9	2
	tB	0	8	0	4	7	2	0	0	0	0	21	13
	tC	0	1	4	0	0	1	0	0	0	0	6	1
	sA	0	0	0	0	0	0	0	0	0	0	0	0
	sB	1	2	3	1	16	4	1	1	0	0	29	6
	sC	0	2	8	1	3	25	1	1	7	0	48	9
	eA	0	0	0	0	0	0	0	0	0	0	0	0
	eB	0	0	0	0	0	0	0	1	0	0	1	0
	eC	0	0	0	0	0	1	0	4	19	0	24	0
	L	0	0	0	0	0	0	0	0	0	5	5	
	Total	8	14	15	7	26	33	2	7	26	5	85	31
		1	5	11	2	3	1	0	4	0		27	143

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Burrigate**

No. of Prints Checked: 1

Polygons not changed from original BOGMP growth stage map

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	3	0	0	0	0	0	0	0	0	0	3	0
c tB	0	4	1	0	1	1	0	0	0	0	7	3
h tC	0	0	2	0	0	1	0	0	0	0	3	1
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	1	0	0	0	0	0	1	0
k sC	0	1	0	0	0	2	0	0	0	0	3	0
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0	0	0
Total	3	5	3	0	2	4	0	0	0	0	12	4
	0	1	0	0	0	0	0	0	0		1	17

Polygons assigned a new code during CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	0	2	0	1	0	0	0	0	0	0	3	3
c tB	0	7	1	0	0	0	0	0	0	0	8	1
h tC	0	0	7	0	0	0	0	0	0	0	7	0
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	1	0	0	0	0	0	0	0	0	1	0
k sC	0	3	1	0	2	2	0	0	0	0	8	0
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	1	0	2	0	0	0	1	0	3	0	7	0
L	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	13	11	1	2	2	1	0	3	0	19	4
	1	4	3	0	2	0	1	0	0		11	34

New polygons inserted into the CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	0	0	0	0	0	0	0	0	0	0	0	0
c tB	0	1	0	0	0	0	0	0	0	0	1	0
h tC	0	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	0	0	0	0	0	0	0	0
k sC	0	0	0	0	0	1	0	0	0	0	1	0
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	1	0	0	0	0	0	1	0
L	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	1	0	0	0	0	2	0
	0	0	0	0	1	0	0	0	0		1	3

Combination of all polygons regardless of API heritage*

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	3	2	0	1	0	0	0	0	0	0	6	3
c tB	0	12	2	0	1	1	0	0	0	0	16	4
h tC	0	0	9	0	0	1	0	0	0	0	10	1
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	1	0	0	1	0	0	0	0	0	2	0
k sC	0	4	1	0	2	5	0	0	0	0	12	0
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	1	0	2	0	1	0	1	0	3	0	8	0
L	0	0	0	0	0	0	0	0	0	0	0	0
Total	4	19	14	1	5	7	1	0	3	0	33	8
	1	5	3	0	3	0	1	0	0		13	54

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Candelo**

No. of Prints Checked: 4

Polygons not changed from original BOGMP growth stage map

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	1	1	0	0	0	0	0	0	0	0	2	1
c	tB	0	10	0	0	3	1	0	0	0	0	14	4
h	tC	0	1	3	0	0	1	0	0	0	0	5	1
e	sA	0	0	0	1	0	0	0	0	0	0	1	0
c	sB	0	0	0	0	2	0	0	0	0	0	2	0
k	sC	0	0	1	0	0	10	0	0	0	1	12	1
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	1	0	1	0
	L	0	0	0	0	0	0	0	0	0	1	1	
	Total	1	12	4	1	5	12	0	0	1	2	29	7
		0	1	1	0	0	0	0	0	0		2	38

Polygons assigned a new code during CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	1	0	0	0	0	0	0	0	0	0	1	0
c	tB	3	8	1	0	0	0	0	0	0	0	12	1
h	tC	0	7	9	0	0	0	0	0	0	0	16	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	1	0	0	0	0	0	0	0	0	0	1	0
k	sC	0	4	4	0	2	2	0	2	0	0	14	2
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	1	0	0	3	0	0	2	0	6	0
	L	0	0	0	0	0	0	0	0	0	0	0	
	Total	5	19	15	0	2	5	0	2	2	0	22	3
		4	11	5	0	2	3	0	0	0		25	50

New polygons inserted into the CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	1	0	0	0	0	0	0	0	0	0	1	0
c	tB	0	1	0	0	1	0	0	0	0	0	2	1
h	tC	1	1	0	0	0	0	0	0	0	0	2	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	0	0	0	0	0	0	0	0	0
k	sC	0	0	1	0	0	0	0	0	0	0	1	0
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	1	0	0	0	0	0	1	0
	L	0	0	0	0	0	0	0	0	0	0	0	
	Total	2	2	1	0	2	0	0	0	0	0	2	1
		1	1	1	0	1	0	0	0	0		4	7

Combination of all polygons regardless of API heritage*

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	3	1	0	0	0	0	0	0	0	0	4	1
c	tB	3	19	1	0	4	1	0	0	0	0	28	6
h	tC	1	9	12	0	0	1	0	0	0	0	23	1
e	sA	0	0	0	1	0	0	0	0	0	0	1	0
c	sB	1	0	0	0	2	0	0	0	0	0	3	0
k	sC	0	4	6	0	2	12	0	2	0	1	27	3
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	1	0	1	3	0	0	3	0	8	0
	L	0	0	0	0	0	0	0	0	0	1	1	
	Total	8	33	20	1	9	17	0	2	3	2	53	11
		5	13	7	0	3	3	0	0	0		31	95

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Cobargo**

No. of Prints Checked: **5**

Polygons not changed from original BOGMP growth stage map

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	4	0	0	1	0	0	0	0	0	0	5	1
c	tB	0	5	0	0	2	1	0	0	0	0	8	3
h	tC	0	0	2	0	0	0	0	0	0	2	4	2
e	sA	0	0	0	1	0	0	0	0	0	0	1	0
c	sB	0	0	0	0	4	0	0	0	0	0	4	0
k	sC	0	0	0	0	1	4	0	0	0	0	5	0
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0	0	0	8	8	
	Total	4	5	2	2	7	5	0	0	0	10	28	6
		0	0	0	0	1	0	0	0	0		1	35

Polygons assigned a new code during CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	0	1	0	0	0	0	0	0	0	1	1
c	tB	2	21	2	0	1	2	0	0	0	0	28	5
h	tC	0	1	6	0	0	0	0	0	0	0	7	0
e	sA	0	0	0	0	0	1	0	0	0	0	1	1
c	sB	0	3	0	0	4	0	0	0	0	0	7	0
k	sC	1	4	2	2	5	8	0	2	1	0	25	3
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	1	3	0	4	0
	L	0	0	0	0	0	0	0	0	0	0	0	
	Total	3	29	11	2	10	11	0	3	4	0	42	10
		3	8	2	2	5	0	0	1	0		21	73

New polygons inserted into the CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	1	1	0	0	0	0	0	0	0	0	2	1
c	tB	0	2	1	0	1	0	0	0	0	0	4	2
h	tC	0	0	2	0	0	0	0	0	0	0	2	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	0	2	0	0	0	0	0	2	0
k	sC	0	1	3	0	2	4	0	0	0	0	10	0
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	3	0	3	0
	L	0	0	0	0	1	0	0	0	0	0	1	
	Total	1	4	6	0	6	4	0	0	3	0	14	3
		0	1	3	0	3	0	0	0	0		7	24

Combination of all polygons regardless of API heritage*

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	5	1	1	1	0	0	0	0	0	0	8	3
c	tB	2	28	3	0	4	3	0	0	0	0	40	10
h	tC	0	1	10	0	0	0	0	0	0	2	13	2
e	sA	0	0	0	1	0	1	0	0	0	0	2	1
c	sB	0	3	0	0	10	0	0	0	0	0	13	0
k	sC	1	5	5	2	8	16	0	2	1	0	40	3
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	1	6	0	7	0
	L	0	0	0	0	1	0	0	0	0	8	9	
	Total	8	38	19	4	23	20	0	3	7	10	84	19
		3	9	5	2	9	0	0	1	0		29	132

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Coolumbooka**

No. of Prints Checked: **3**

Polygons not changed from original BOGMP growth stage map

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	0	0	2	0	0	0	0	0	0	2	2
c	tB	0	5	0	2	2	1	0	0	0	0	10	5
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	2	0	0	0	0	0	0	2	0
c	sB	0	0	0	3	9	0	0	0	0	0	12	0
k	sC	0	0	0	0	0	3	0	0	0	0	3	0
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0	0	0	2	2	
	Total	0	5	0	9	11	4	0	0	0	2	21	7
		0	0	0	3	0	0	0	0	0		3	31

Polygons assigned a new code during CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	0	0	0	0	0	0	0	0	0	0	0
c	tB	1	5	0	1	1	0	0	0	0	0	8	2
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	1	0	0	9	0	0	0	0	0	10	0
k	sC	0	0	0	0	0	6	0	0	1	0	7	1
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	1	0	1	0
	L	0	0	0	0	0	0	0	0	0	0	0	0
	Total	1	6	0	1	10	6	0	0	2	0	21	3
		1	1	0	0	0	0	0	0	0		2	26

New polygons inserted into the CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	0	0	0	0	0	0	0	0	0	0	0
c	tB	0	4	0	0	1	0	0	0	0	0	5	1
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	1	6	0	0	0	0	0	7	0
k	sC	0	0	0	0	0	1	0	0	0	0	1	0
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	2	0	2	0
	L	0	0	0	0	0	0	0	0	0	1	1	
	Total	0	4	0	1	7	1	0	0	2	1	14	1
		0	0	0	1	0	0	0	0	0		1	16

Combination of all polygons regardless of API heritage*

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	0	0	2	0	0	0	0	0	0	2	2
c	tB	1	14	0	3	4	1	0	0	0	0	23	8
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	2	0	0	0	0	0	0	2	0
c	sB	0	1	0	4	24	0	0	0	0	0	29	0
k	sC	0	0	0	0	0	10	0	0	1	0	11	1
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	3	0	3	0
	L	0	0	0	0	0	0	0	0	0	3	3	
	Total	1	15	0	11	28	11	0	0	4	3	56	11
		1	1	0	4	0	0	0	0	0		6	73

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Craigie**

No. of Prints Checked: **2**

Polygons not changed from original BOGMP growth stage map

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	1	1	0	0	0	0	0	0	0	0	2	1
c tB	0	4	2	0	1	0	0	0	0	0	7	3
h tC	0	0	8	0	0	0	0	0	0	0	8	0
e sA	0	0	0	1	0	0	0	0	0	0	1	0
c sB	0	0	0	0	6	0	0	0	0	0	6	0
k sC	0	0	0	0	0	7	1	0	0	0	8	1
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	1	0	0	0	0	0	5	6	
Total	1	5	10	2	7	7	1	0	0	5	32	5
	0	0	0	1	0	0	0	0	0		1	38

Polygons assigned a new code during CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	0	0	0	0	0	0	0	0	0	0	0	0
c tB	0	2	2	0	0	1	0	0	0	0	5	3
h tC	0	0	1	0	0	0	0	0	0	0	1	0
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	1	3	0	0	0	0	0	4	0
k sC	0	0	0	0	0	2	0	0	0	0	2	0
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	2	1	3	1
L	0	0	0	0	0	0	0	0	1	1	2	
Total	0	2	3	1	3	3	0	0	3	2	11	4
	0	0	0	1	0	0	0	0	1		2	17

New polygons inserted into the CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	0	0	0	0	0	0	0	0	0	0	0	0
c tB	0	0	0	1	0	1	0	0	0	0	2	2
h tC	0	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	0	0	0	0	0	0	0	0
k sC	0	0	0	0	0	0	0	0	0	0	0	0
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	1	0	0	0	0	0	1	
Total	0	0	0	1	1	1	0	0	0	0	0	2
	0	0	0	0	1	0	0	0	0		1	3

Combination of all polygons regardless of API heritage*

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	1	1	0	0	0	0	0	0	0	0	2	1
c tB	0	6	4	1	1	2	0	0	0	0	14	8
h tC	0	0	9	0	0	0	0	0	0	0	9	0
e sA	0	0	0	1	0	0	0	0	0	0	1	0
c sB	0	0	0	1	9	0	0	0	0	0	10	0
k sC	0	0	0	0	0	9	1	0	0	0	10	1
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	2	1	3	1
L	0	0	0	1	1	0	0	0	1	6	9	
Total	1	7	13	4	11	11	1	0	3	7	43	11
	0	0	0	2	1	0	0	0	1		4	58

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Eden**

No. of Prints Checked: **3**

Polygons not changed from original BOGMP growth stage map

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	0	2	1	0	0	0	0	0	0	0	3	3
c tB	0	4	8	0	0	0	0	0	0	0	12	8
h tC	0	1	7	0	0	5	0	0	0	0	13	5
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	2	0	0	0	0	0	2	0
k sC	0	0	1	0	1	15	1	0	0	0	18	1
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	1	1	0	1	0	3	0
L	0	0	0	0	0	0	0	0	0	4	4	
Total	0	7	17	0	3	21	2	0	1	4	33	17
	0	1	1	0	1	1	1	0	0		5	55

Polygons assigned a new code during CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	0	2	0	0	0	1	0	0	0	0	3	3
c tB	0	8	5	0	2	0	0	1	1	0	17	9
h tC	0	3	17	0	2	3	0	0	0	0	25	5
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	1	0	0	0	0	0	0	0	1	0
k sC	0	0	4	0	2	0	0	1	3	0	10	4
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	2	0	0	4	0	1	17	0	24	0
L	0	0	0	0	0	0	0	0	0	0	0	
Total	0	13	29	0	6	8	0	3	21	0	42	21
	0	3	7	0	2	4	0	1	0		17	80

New polygons inserted into the CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	1	0	0	0	0	0	0	0	0	0	1	0
c tB	0	2	0	0	1	0	0	0	0	0	3	1
h tC	0	0	3	0	0	0	0	0	0	0	3	0
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	0	0	0	0	0	0	0	0
k sC	0	0	0	0	0	1	0	0	0	0	1	0
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	1	0	1	0
L	0	0	0	0	0	0	0	0	0	0	0	
Total	1	2	3	0	1	1	0	0	1	0	8	1
	0	0	0	0	0	0	0	0	0		0	9

Combination of all polygons regardless of API heritage*

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	1	4	1	0	0	1	0	0	0	0	7	6
c tB	0	14	13	0	3	0	0	1	1	0	32	18
h tC	0	4	27	0	2	8	0	0	0	0	41	10
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	1	0	2	0	0	0	0	0	3	0
k sC	0	0	5	0	3	16	1	1	3	0	29	5
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	2	0	0	5	1	1	19	0	28	0
L	0	0	0	0	0	0	0	0	0	4	4	
Total	1	22	49	0	10	30	2	3	23	4	83	39
	0	4	8	0	3	5	1	1	0		22	144

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Glen Allen**

No. of Prints Checked: 1

Polygons not changed from original BOGMP growth stage map

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	5	0	0	0	0	0	0	0	0	5
h tC	0	1	0	0	0	0	0	0	0	0	1
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	5	0	0	0	0	0	5
k sC	0	0	0	0	1	2	0	0	0	0	3
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	3	3
Total	0	6	0	0	6	2	0	0	0	3	15
	0	1	0	0	1	0	0	0	0	2	17

Polygons assigned a new code during CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	1	0	0	0	0	0	0	0	0	1
h tC	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	1	0	0	0	0	0	1
k sC	0	0	0	0	0	0	0	0	0	0	0
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	4	0	4
L	0	0	0	0	0	1	0	0	0	0	1
Total	0	1	0	0	1	1	0	0	4	0	6
	0	0	0	0	0	1	0	0	0	1	7

New polygons inserted into the CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	0	0	0	0	0	0	0	0	0	0
h tC	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	0	0	0	0	0	0	0
k sC	0	0	0	0	0	1	0	0	0	0	1
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	1

Combination of all polygons regardless of API heritage*

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	6	0	0	0	0	0	0	0	0	6
h tC	0	1	0	0	0	0	0	0	0	0	1
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	6	0	0	0	0	0	6
k sC	0	0	0	0	1	3	0	0	0	0	4
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	4	0	4
L	0	0	0	0	0	1	0	0	0	3	4
Total	0	7	0	0	7	4	0	0	4	3	22
	0	1	0	0	1	1	0	0	0	3	25

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Kiah**

No. of Prints Checked: **2**

Polygons not changed from original BOGMP growth stage map

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	3	0	0	0	0	0	0	0	0	0	3	0
c	tB	1	3	1	0	4	0	0	0	0	0	9	5
h	tC	0	1	2	0	5	4	0	0	0	0	12	9
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	1	0	0	0	0	0	0	1	0
k	sC	0	0	0	0	2	5	0	0	0	0	7	0
e	eA	0	0	0	0	0	1	0	0	0	0	1	0
r	eB	0	0	0	0	0	0	1	0	0	0	1	0
	eC	0	0	0	0	0	0	1	0	0	0	1	0
	L	0	0	0	0	0	0	0	0	0	4	4	
	Total	4	4	3	1	11	10	2	0	0	4	17	14
		1	1	0	1	2	1	2	0	0		8	39

Polygons assigned a new code during CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	1	0	0	0	0	0	0	0	0	1	1
c	tB	0	1	1	0	0	0	0	0	0	0	2	1
h	tC	0	3	1	0	0	0	0	0	0	0	4	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	0	0	0	0	0	0	0	0	0
k	sC	0	1	0	0	0	0	1	1	0	0	3	2
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	6	3	0	9	0
	L	0	0	0	0	0	0	0	0	0	0	0	
	Total	0	6	2	0	0	0	1	7	3	0	5	4
		0	4	0	0	0	0	0	6	0		10	19

New polygons inserted into the CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	0	0	0	0	0	0	0	0	0	0	0
c	tB	0	0	0	0	0	0	0	0	0	0	0	0
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	0	0	0	0	0	0	0	0	0
k	sC	0	0	0	0	0	0	0	0	0	0	0	0
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0	0	0	0	0	
	Total	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0		0	0

Combination of all polygons regardless of API heritage*

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	3	1	0	0	0	0	0	0	0	0	4	1
c	tB	1	4	2	0	4	0	0	0	0	0	11	6
h	tC	0	4	3	0	5	4	0	0	0	0	16	9
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	1	0	0	0	0	0	0	1	0
k	sC	0	1	0	0	2	5	1	1	0	0	10	2
e	eA	0	0	0	0	0	1	0	0	0	0	1	0
r	eB	0	0	0	0	0	0	1	0	0	0	1	0
	eC	0	0	0	0	0	0	1	6	3	0	10	0
	L	0	0	0	0	0	0	0	0	0	4	4	
	Total	4	10	5	1	11	10	3	7	3	4	22	18
		1	5	0	1	2	1	2	6	0		18	58

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Kydra**
 No. of Prints Checked: **2**

Polygons not changed from original BOGMP growth stage map

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	1	0	0	0	0	0	0	0	0	0	1
c tB	1	2	0	0	0	0	0	0	0	0	3
h tC	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	1	3	2	0	0	0	0	6
k sC	0	0	0	0	0	4	0	0	0	0	4
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	5	5
Total	2	2	0	1	3	6	0	0	0	5	15
	1	0	0	1	0	0	0	0	0		2
											19

Polygons assigned a new code during CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	0	0	0	1	0	0	0	0	0	1
h tC	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	1	0	0	0	5	1	0	0	0	0	7
k sC	0	0	0	0	0	2	0	0	1	0	3
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	0	6	3	0	0	1	0	7
	1	0	0	0	0	0	0	0	0		1
											11

New polygons inserted into the CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	2	0	0	1	0	0	0	0	0	3
h tC	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	1	0	0	0	2	0	0	0	0	0	3
k sC	0	2	0	0	0	6	0	1	1	0	10
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0	0
Total	1	4	0	0	3	6	0	1	1	0	10
	1	2	0	0	0	0	0	0	0		3
											16

Combination of all polygons regardless of API heritage*

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	1	0	0	0	0	0	0	0	0	0	1
c tB	1	4	0	0	2	0	0	0	0	0	7
h tC	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	2	0	0	1	10	3	0	0	0	0	16
k sC	0	2	0	0	0	12	0	1	2	0	17
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	5	5
Total	4	6	0	1	12	15	0	1	2	5	32
	3	2	0	1	0	0	0	0	0		6
											46

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Mt Imlay**

No. of Prints Checked: 4

Polygons not changed from original BOGMP growth stage map

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	1	0	0	0	0	0	0	0	0	1	1
c	tB	0	3	0	0	1	3	0	0	0	0	7	4
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	1	6	1	0	0	0	0	8	1
k	sC	0	0	0	0	0	7	0	0	0	0	7	0
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0	0	0	24	24	
	Total	0	4	0	1	7	11	0	0	0	24	40	6
		0	0	0	1	0	0	0	0	0		1	47

Polygons assigned a new code during CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	0	0	0	0	0	0	0	0	0	0	0
c	tB	1	7	1	0	1	0	0	0	0	0	10	2
h	tC	0	0	1	0	0	0	0	0	0	0	1	0
e	sA	0	0	0	1	0	0	0	0	0	0	1	0
c	sB	0	1	0	1	7	0	1	1	0	0	11	2
k	sC	0	0	3	0	0	2	0	0	2	0	7	2
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	1	0	0	1	0
	eC	0	0	0	0	0	1	0	1	11	0	13	0
	L	0	0	1	0	1	0	0	3	0	0	5	
	Total	1	8	6	2	9	3	1	6	13	0	30	6
		1	1	4	1	1	1	0	4	0		13	49

New polygons inserted into the CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	1	0	0	0	0	0	0	0	0	0	1	0
c	tB	0	2	1	0	1	0	0	0	0	0	4	2
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	2	5	0	0	0	1	0	8	1
k	sC	0	0	0	0	0	1	0	0	0	0	1	0
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	1	0	0	4	0	5	0
	L	0	0	0	0	0	0	0	0	1	0	1	
	Total	1	2	1	2	6	2	0	0	6	0	13	3
		0	0	0	2	0	1	0	0	1		4	20

Combination of all polygons regardless of API heritage*

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	1	1	0	0	0	0	0	0	0	0	2	1
c	tB	1	12	2	0	3	3	0	0	0	0	21	8
h	tC	0	0	1	0	0	0	0	0	0	0	1	0
e	sA	0	0	0	1	0	0	0	0	0	0	1	0
c	sB	0	1	0	4	18	1	1	1	1	0	27	4
k	sC	0	0	3	0	0	10	0	0	2	0	15	2
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	1	0	0	1	0
	eC	0	0	0	0	0	2	0	1	15	0	18	0
	L	0	0	1	0	1	0	0	3	1	24	30	
	Total	2	14	7	5	22	16	1	6	19	24	83	15
		1	1	4	4	1	2	0	4	1		18	116

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Nadgee**

No. of Prints Checked: **2**

Polygons not changed from original BOGMP growth stage map

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	3	1	0	1	1	0	0	0	0	0	6
h tC	0	0	1	0	0	0	0	0	0	0	1
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	1	0	0	0	0	0	1
k sC	0	0	0	0	1	0	0	0	0	0	1
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0	0
Total	3	1	1	1	3	0	0	0	0	0	3
	3	0	0	0	1	0	0	0	0		4
											9

Polygons assigned a new code during CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	1	0	0	0	0	0	0	0	0	0	1
c tB	0	2	0	0	0	0	0	0	0	0	2
h tC	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	2	1	0	0	0	0	0	0	0	0	3
k sC	0	0	0	0	0	1	0	0	0	0	1
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	2	9	0	11
L	0	0	0	0	0	0	0	0	0	0	0
Total	3	3	0	0	0	1	0	2	9	0	13
	2	1	0	0	0	0	0	2	0		5
											18

New polygons inserted into the CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	1	0	0	0	0	0	0	0	0	1
h tC	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	1	0	0	0	0	0	1
k sC	0	0	0	0	1	1	0	0	0	0	2
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	2	1	1	0	0	4
L	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	2	3	1	1	0	0	3
	0	0	0	0	1	2	1	1	0		5
											8

Combination of all polygons regardless of API heritage*

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	1	0	0	0	0	0	0	0	0	0	1
c tB	3	4	0	1	1	0	0	0	0	0	9
h tC	0	0	1	0	0	0	0	0	0	0	1
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	2	1	0	0	2	0	0	0	0	0	5
k sC	0	0	0	0	2	2	0	0	0	0	4
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	2	1	3	9	0	15
L	0	0	0	0	0	0	0	0	0	0	0
Total	6	5	1	1	5	4	1	3	9	0	19
	5	1	0	0	2	2	1	3	0		14
											35

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Nalbaugh**

No. of Prints Checked: **2**

Polygons not changed from original BOGMP growth stage map

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	2	0	0	1	0	0	0	0	0	0	3	1
c	tB	0	11	2	1	0	0	0	0	0	0	14	3
h	tC	0	1	1	0	0	0	0	0	0	0	2	0
e	sA	0	0	0	1	0	0	0	0	0	0	1	0
c	sB	0	0	0	1	10	0	0	0	0	0	11	0
k	sC	0	0	0	0	0	8	0	0	0	0	8	0
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0	0	0	2	2	
	Total	2	12	3	4	10	8	0	0	0	2	35	4
		0	1	0	1	0	0	0	0	0		2	41

Polygons assigned a new code during CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	0	0	0	0	0	0	0	0	0	0	0
c	tB	1	6	1	0	1	1	0	0	0	0	10	3
h	tC	0	0	2	0	0	0	0	0	0	0	2	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	0	6	3	0	0	0	0	9	3
k	sC	0	0	0	0	0	2	0	0	1	0	3	1
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	1	4	0	5	0
	L	0	0	0	0	0	0	0	0	1	0	1	
	Total	1	6	3	0	7	6	0	1	6	0	20	7
		1	0	0	0	0	0	0	1	1		3	30

New polygons inserted into the CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	0	0	0	0	0	0	0	0	0	0	0
c	tB	0	1	0	0	0	0	0	0	0	0	1	0
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	0	2	0	0	0	0	0	2	0
k	sC	0	0	0	0	0	0	0	0	0	0	0	0
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	1	0	1	0
	L	0	0	1	0	1	0	0	0	0	0	2	
	Total	0	1	1	0	3	0	0	0	1	0	4	0
		0	0	1	0	1	0	0	0	0		2	6

Combination of all polygons regardless of API heritage*

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	2	0	0	1	0	0	0	0	0	0	3	1
c	tB	1	18	3	1	1	1	0	0	0	0	25	6
h	tC	0	1	3	0	0	0	0	0	0	0	4	0
e	sA	0	0	0	1	0	0	0	0	0	0	1	0
c	sB	0	0	0	1	18	3	0	0	0	0	22	3
k	sC	0	0	0	0	0	10	0	0	1	0	11	1
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	1	5	0	6	0
	L	0	0	1	0	1	0	0	0	1	2	5	
	Total	3	19	7	4	20	14	0	1	7	2	59	11
		1	1	1	1	1	0	0	1	1		7	77

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: Narooma

No. of Prints Checked: 1

Polygons not changed from original BOGMP growth stage map

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	0	0	0	0	0	0	0	0	0	0
h tC	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	0	0	0	0	0	0	0
k sC	0	0	0	0	0	0	1	0	0	0	1
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	1

Polygons assigned a new code during CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	0	0	0	0	0	0	0	0	0	0
h tC	0	0	0	1	0	0	0	0	0	0	1
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	0	0	0	0	0	0	0
k sC	0	1	3	0	1	0	1	0	0	0	5
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	1	0	0	0	0	0	0	1	0	2
L	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	3	1	1	0	0	0	1	0	1
	0	2	3	0	1	0	0	0	0	0	6

New polygons inserted into the CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	0	0	0	0	0	0	0	0	0	0
h tC	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	0	0	0	0	0	0	0
k sC	0	0	1	0	0	1	0	0	0	0	2
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	0	0	1	0	0	0	0	1
	0	0	1	0	0	0	0	0	0	0	2

Combination of all polygons regardless of API heritage*

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	0	0	0	0	0	0	0	0	0	0
h tC	0	0	0	1	0	0	0	0	0	0	1
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	0	0	0	0	0	0	0
k sC	0	1	4	0	1	1	1	0	0	0	8
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	1	0	0	0	0	0	0	1	0	2
L	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	4	1	1	1	1	0	1	0	2
	0	2	4	0	1	0	0	0	0	0	7

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Narrabarba**

No. of Prints Checked: 1

Polygons not changed from original BOGMP growth stage map

		<i>Original IAP Interpreter</i>										
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
c h e c k e r	tA	0	0	0	0	0	0	0	0	0	0	0
	tB	0	0	0	0	0	0	0	0	0	0	0
	tC	0	0	1	0	0	0	0	0	0	0	1
	sA	0	0	0	0	0	0	0	0	0	0	0
	sB	0	0	0	0	2	0	0	0	0	0	1
	sC	0	0	1	0	1	1	0	0	0	0	3
	eA	0	0	0	0	0	0	0	0	0	0	0
	eB	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	2	0	3	1	0	0	0	0	4
		0	0	1	0	1	0	0	0	0	0	2

Polygons assigned a new code during CRA growth stage map

		<i>Original CRA Interpreter</i>										
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
c h e c k e r	tA	0	0	0	0	0	0	0	0	0	0	0
	tB	1	0	0	0	0	0	0	0	0	0	1
	tC	0	0	0	0	0	0	0	0	0	0	0
	sA	0	0	0	0	0	0	0	0	0	0	0
	sB	0	1	0	0	0	0	0	0	0	0	1
	sC	1	0	0	0	0	1	0	1	1	0	4
	eA	0	0	0	0	0	0	0	0	0	0	0
	eB	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	1	1	0	2
	L	0	0	0	0	0	0	0	0	0	0	0
	Total	2	1	0	0	0	1	0	2	2	0	2
		2	1	0	0	0	0	0	1	0	0	4

New polygons inserted into the CRA growth stage map

		<i>Original CRA Interpreter</i>										
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
c h e c k e r	tA	0	0	0	0	0	0	0	0	0	0	0
	tB	0	0	0	0	0	0	0	0	0	0	0
	tC	0	0	0	0	0	0	0	0	0	0	0
	sA	0	0	0	0	0	0	0	0	0	0	0
	sB	0	0	0	0	0	0	0	0	0	0	0
	sC	0	0	0	0	0	0	0	0	0	0	0
	eA	0	0	0	0	0	0	0	0	0	0	0
	eB	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	1	0	0	1
	L	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	1	0	0	0
		0	0	0	0	0	0	0	1	0	0	1

Combination of all polygons regardless of API heritage*

		<i>Original IAP Interpreter</i>										
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
c h e c k e r	tA	0	0	0	0	0	0	0	0	0	0	0
	tB	1	0	0	0	0	0	0	0	0	0	1
	tC	0	0	1	0	0	0	0	0	0	0	1
	sA	0	0	0	0	0	0	0	0	0	0	0
	sB	0	1	0	0	2	0	0	0	0	0	3
	sC	1	0	1	0	1	2	0	1	1	0	7
	eA	0	0	0	0	0	0	0	0	0	0	0
	eB	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	2	1	0	3
	L	0	0	0	0	0	0	0	0	0	0	0
	Total	2	1	2	0	3	2	0	3	2	0	6
		2	1	1	0	1	0	0	2	0	0	7

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Nungatta**

No. of Prints Checked: 3

Polygons not changed from original BOGMP growth stage map

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	0	0	0	0	0	0	0	0	0	0
h tC	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	1	0	0	0	0	0	1
k sC	0	0	0	0	0	1	0	0	0	0	1
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	1	1
Total	0	0	0	0	1	1	0	0	0	1	3
	0	0	0	0	0	0	0	0	0	0	3

Polygons assigned a new code during CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	8	3	0	0	0	0	0	0	0	0	11
c tB	0	11	0	0	2	0	0	0	0	0	13
h tC	0	1	5	0	0	0	0	0	0	0	6
e sA	0	0	0	2	0	0	0	0	0	0	2
c sB	0	0	0	0	5	0	0	0	0	0	5
k sC	0	0	0	0	1	0	0	0	1	0	2
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	21	0	21
L	0	0	0	0	0	0	0	0	0	0	0
Total	8	15	5	2	8	0	0	0	22	0	52
	0	1	0	0	1	0	0	0	0	0	2
											60

New polygons inserted into the CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	1	1	0	0	0	0	0	0	0	2
h tC	0	0	1	0	0	0	0	0	0	0	1
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	3	0	0	0	1	0	4
k sC	0	0	0	0	1	12	0	0	0	0	13
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	1	0	1	2	0	4
L	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	2	0	4	13	0	1	3	0	19
	0	0	0	0	1	1	0	1	0	0	3
											24

Combination of all polygons regardless of API heritage*

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	8	3	0	0	0	0	0	0	0	0	11
c tB	0	12	1	0	2	0	0	0	0	0	15
h tC	0	1	6	0	0	0	0	0	0	0	7
e sA	0	0	0	2	0	0	0	0	0	0	2
c sB	0	0	0	0	9	0	0	0	1	0	10
k sC	0	0	0	0	2	13	0	0	1	0	16
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	1	0	1	23	0	25
L	0	0	0	0	0	0	0	0	0	1	1
Total	8	16	7	2	13	14	0	1	25	1	74
	0	1	0	0	2	1	0	1	0	0	5
											87

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Pambula**

No. of Prints Checked: **3**

Polygons not changed from original BOGMP growth stage map

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	2	0	1	0	0	0	0	0	0	0	3
c tB	0	3	2	0	3	1	0	0	0	0	9
h tC	0	1	3	0	0	5	0	0	0	0	9
e sA	0	1	0	0	0	0	0	0	0	0	1
c sB	0	1	0	0	1	0	0	0	0	0	2
k sC	0	2	3	0	2	4	1	0	0	0	12
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	1	1
L	0	0	0	0	0	0	0	0	0	3	3
Total	2	8	9	0	6	10	1	0	0	4	16
	0	5	3	0	2	0	0	0	0		10

Polygons assigned a new code during CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	1	0	0	0	0	0	0	0	0	1
c tB	0	2	0	0	0	0	0	0	0	0	2
h tC	0	1	3	0	0	1	0	0	0	0	5
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	1	0	0	0	0	0	0	0	0	1
k sC	0	0	0	0	0	6	0	0	1	0	7
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	1	0	0	12	0	13
L	0	0	0	0	0	0	0	0	0	0	0
Total	0	5	3	0	0	8	0	0	13	0	23
	0	2	0	0	0	1	0	0	0		3

New polygons inserted into the CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	0	0	0	0	0	0	0	0	0	0
h tC	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	0	0	0	0	0	0	0
k sC	0	0	1	0	1	0	0	0	0	0	2
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	0	1	0	0	0	0	0	0
	0	0	1	0	1	0	0	0	0		2

Combination of all polygons regardless of API heritage*

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	2	1	1	0	0	0	0	0	0	0	4
c tB	0	5	2	0	3	1	0	0	0	0	11
h tC	0	2	6	0	0	6	0	0	0	0	14
e sA	0	1	0	0	0	0	0	0	0	0	1
c sB	0	2	0	0	1	0	0	0	0	0	3
k sC	0	2	4	0	3	10	1	0	1	0	21
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	1	0	0	12	1	14
L	0	0	0	0	0	0	0	0	0	3	3
Total	2	13	13	0	7	18	1	0	13	4	39
	0	7	4	0	3	1	0	0	0		15

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Puen Buen**

No. of Prints Checked: 2

Polygons not changed from original BOGMP growth stage map

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	5	1	0	1	1	0	0	0	0	0	8	3
c	tB	0	5	0	0	2	0	0	0	0	0	7	2
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	1	0	0	0	9	0	0	0	0	0	10	0
k	sC	0	0	0	0	0	9	0	0	0	0	9	0
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	1	0	1	1	0
	L	0	0	0	0	0	0	0	0	0	0	0	0
	Total	6	6	0	1	12	9	0	0	1	0	29	5
		1	0	0	0	0	0	0	0	0	1	35	

Polygons assigned a new code during CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	0	0	0	0	0	0	0	0	0	0	0
c	tB	0	1	0	0	0	0	0	0	0	0	1	0
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	1	0	1	2	0	0	0	0	0	4	0
k	sC	0	0	0	0	0	0	0	0	1	0	1	1
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	1	0	0	4	0	5	0
	L	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	2	0	1	2	1	0	0	5	0	7	1
		0	1	0	1	0	1	0	0	0	3	11	

New polygons inserted into the CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	0	0	0	0	0	0	0	0	0	0	0
c	tB	1	1	0	1	0	0	0	0	0	0	3	1
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	0	1	0	0	0	0	0	1	0
k	sC	0	1	0	0	0	0	0	0	0	0	1	0
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0	0	0	0	0	0
	Total	1	2	0	1	1	0	0	0	0	0	2	1
		1	1	0	0	0	0	0	0	0	2	5	

Combination of all polygons regardless of API heritage*

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	5	1	0	1	1	0	0	0	0	0	8	3
c	tB	1	7	0	1	2	0	0	0	0	0	11	3
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	1	1	0	1	12	0	0	0	0	0	15	0
k	sC	0	1	0	0	0	9	0	0	1	0	11	1
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	1	0	0	5	0	6	0
	L	0	0	0	0	0	0	0	0	0	0	0	0
	Total	7	10	0	3	15	10	0	0	6	0	38	7
		2	2	0	1	0	1	0	0	0	6	51	

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Timbillica**

No. of Prints Checked: 4

Polygons not changed from original BOGMP growth stage map

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	1	0	0	0	2	0	0	0	0	0	3	2
c	tB	0	3	0	1	0	1	0	0	0	0	5	2
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	1	0	0	0	0	0	0	1	0
c	sB	0	0	1	0	12	1	0	0	0	0	14	1
k	sC	0	0	0	0	0	5	0	0	0	0	5	0
e	eA	0	0	0	0	0	1	0	0	0	0	1	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0	0	0	9	9	
	Total	1	3	1	2	14	8	0	0	0	9	31	5
		0	0	1	0	0	1	0	0	0		2	38

Polygons assigned a new code during CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	0	0	0	0	0	0	0	0	0	0	0
c	tB	0	6	0	0	2	1	0	0	1	0	10	4
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	1	8	3	0	0	1	0	13	4
k	sC	0	0	1	0	0	3	0	0	0	0	4	0
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	2	23	0	25	0
	L	0	0	0	0	0	0	0	0	3	0	3	
	Total	0	6	1	1	10	7	0	2	28	0	40	8
		0	0	1	1	0	0	0	2	3		7	55

New polygons inserted into the CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	0	0	0	0	0	0	0	0	0	0	0
c	tB	0	1	1	0	0	0	0	0	0	0	2	1
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	2	0	0	0	0	0	0	2	0
c	sB	0	0	0	1	3	0	0	0	0	0	4	0
k	sC	0	0	0	0	0	2	0	0	0	0	2	0
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	1	3	0	4	0
	L	0	0	0	0	1	0	0	0	0	0	1	
	Total	0	1	1	3	4	2	0	1	3	0	11	1
		0	0	0	1	1	0	0	1	0		3	15

Combination of all polygons regardless of API heritage*

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	1	0	0	0	2	0	0	0	0	0	3	2
c	tB	0	10	1	1	2	2	0	0	1	0	17	7
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	3	0	0	0	0	0	0	3	0
c	sB	0	0	1	2	23	4	0	0	1	0	31	5
k	sC	0	0	1	0	0	10	0	0	0	0	11	0
e	eA	0	0	0	0	0	1	0	0	0	0	1	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	3	26	0	29	0
	L	0	0	0	0	1	0	0	0	3	9	13	
	Total	1	10	3	6	28	17	0	3	31	9	82	14
		0	0	2	2	1	1	0	3	3		12	108

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Wolumla**

No. of Prints Checked: **2**

Polygons not changed from original BOGMP growth stage map

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	3	3	0	1	0	0	0	0	0	0	7	4
c	tB	0	5	1	0	6	0	0	0	0	0	12	7
h	tC	0	0	5	0	0	3	1	0	0	0	9	4
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	0	0	0	0	0	0	0	0	0
k	sC	0	1	0	1	1	1	0	0	0	0	4	0
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0	0	0	0	0	0
	Total	3	9	6	2	7	4	1	0	0	0	14	15
		0	1	0	1	1	0	0	0	0	0	3	32

Polygons assigned a new code during CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	0	0	0	0	0	0	0	0	0	0	0
c	tB	0	5	3	0	0	1	0	0	0	0	9	4
h	tC	0	1	6	0	0	1	0	0	0	0	8	1
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	0	0	0	0	0	0	0	0	0
k	sC	0	1	1	0	0	0	0	1	0	0	3	1
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	1	0	1	0
	L	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	7	10	0	0	2	0	1	1	0	12	6
		0	2	1	0	0	0	0	0	0	0	3	21

New polygons inserted into the CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	0	0	0	0	0	0	0	0	0	0	0
c	tB	0	0	0	0	0	0	0	0	0	0	0	0
h	tC	0	0	0	0	0	0	0	0	0	0	0	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	0	0	0	0	0	0	0	0	0
k	sC	0	0	1	0	0	0	0	0	0	0	1	0
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	1	0	0	0	0	0	0	0	0	0
		0	0	1	0	0	0	0	0	0	0	1	1

Combination of all polygons regardless of API heritage*

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	3	3	0	1	0	0	0	0	0	0	7	4
c	tB	0	10	4	0	6	1	0	0	0	0	21	11
h	tC	0	1	11	0	0	4	1	0	0	0	17	5
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	0	0	0	0	0	0	0	0	0
k	sC	0	2	2	1	1	1	0	1	0	0	8	1
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	0	0	0	1	0	1	0
	L	0	0	0	0	0	0	0	0	0	0	0	0
	Total	3	16	17	2	7	6	1	1	1	0	26	21
		0	3	2	1	1	0	0	0	0	0	7	54

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Wyndham**

No. of Prints Checked: 2

Polygons not changed from original BOGMP growth stage map

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	1	0	0	0	0	0	0	0	0	1	1
c	tB	1	5	2	0	4	0	0	0	0	0	12	6
h	tC	0	1	5	0	0	6	0	0	0	0	12	6
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	1	0	1	0	1	0	0	0	0	0	3	0
k	sC	0	1	1	1	0	4	1	0	0	0	8	1
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	1	0	0	0	0	1	0
	L	0	0	0	0	0	0	0	0	0	3	3	
	Total	2	8	9	1	5	11	1	0	0	3	18	14
		2	2	2	1	0	1	0	0	0		8	40

Polygons assigned a new code during CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	2	1	0	0	0	0	0	0	0	3	3
c	tB	0	9	1	0	3	0	0	1	0	0	14	5
h	tC	0	4	14	0	0	2	0	0	1	0	21	3
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	2	0	0	1	0	0	0	0	0	3	0
k	sC	0	0	4	0	0	0	0	0	2	0	6	2
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	1	0	0	1	9	0	11	0
	L	0	0	0	0	0	0	0	0	0	0	0	
	Total	0	17	20	0	5	2	0	2	12	0	33	13
		0	6	4	0	1	0	0	1	0		12	58

New polygons inserted into the CRA growth stage map

		<i>Original CRA Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	0	0	0	0	0	0	0	0	0	0	0
c	tB	0	0	0	0	1	0	0	0	0	0	1	1
h	tC	0	1	0	0	0	0	0	0	0	0	1	0
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	0	0	0	0	0	0	0	0	0	0	0	0
k	sC	0	1	0	0	1	1	0	1	0	0	4	1
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	0	1	0	0	0	0	1	0
	L	0	0	0	0	0	0	0	0	0	0	0	
	Total	0	2	0	0	2	2	0	1	0	0	1	2
		0	2	0	0	1	1	0	0	0		4	7

Combination of all polygons regardless of API heritage*

		<i>Original IAP Interpreter</i>											
		tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
	tA	0	3	1	0	0	0	0	0	0	0	4	4
c	tB	1	14	3	0	8	0	0	1	0	0	27	12
h	tC	0	6	19	0	0	8	0	0	1	0	34	9
e	sA	0	0	0	0	0	0	0	0	0	0	0	0
c	sB	1	2	1	0	2	0	0	0	0	0	6	0
k	sC	0	2	5	1	1	5	1	1	2	0	18	4
e	eA	0	0	0	0	0	0	0	0	0	0	0	0
r	eB	0	0	0	0	0	0	0	0	0	0	0	0
	eC	0	0	0	0	1	2	0	1	9	0	13	0
	L	0	0	0	0	0	0	0	0	0	3	3	
	Total	2	27	29	1	12	15	1	3	12	3	52	29
		2	10	6	1	2	2	0	1	0		24	105

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Yambulla**

No. of Prints Checked: 4

Polygons not changed from original BOGMP growth stage map

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	1	0	0	0	0	0	0	0	0	0	1
c tB	0	5	0	0	0	0	0	0	0	0	5
h tC	0	0	2	0	0	0	0	0	0	0	2
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	0	0	0	0	0	0	0
k sC	0	0	0	0	0	0	0	0	0	0	0
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	2	2
Total	1	5	2	0	0	0	0	0	0	2	10
	0	0	0	0	0	0	0	0	0		10

Polygons assigned a new code during CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	5	0	0	0	0	0	0	0	0	5
h tC	0	0	1	0	0	0	0	0	0	0	1
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	1	0	0	0	0	0	0	0	0	1
k sC	0	0	2	0	0	2	0	0	0	0	4
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	1	0	0	1	0	2
L	0	0	0	0	0	0	0	0	0	0	0
Total	0	6	3	0	0	3	0	0	1	0	9
	0	1	2	0	0	1	0	0	0		4
											13

New polygons inserted into the CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	0	0	0	0	0	0	0	0	0	0	0
c tB	0	0	0	0	0	0	0	0	0	0	0
h tC	0	0	1	0	0	0	0	0	0	0	1
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	0	0	0	0	0	0	0
k sC	0	0	0	0	0	0	0	0	0	0	0
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	0		1

Combination of all polygons regardless of API heritage*

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total
tA	1	0	0	0	0	0	0	0	0	0	1
c tB	0	10	0	0	0	0	0	0	0	0	10
h tC	0	0	4	0	0	0	0	0	0	0	4
e sA	0	0	0	0	0	0	0	0	0	0	0
c sB	0	1	0	0	0	0	0	0	0	0	1
k sC	0	0	2	0	0	2	0	0	0	0	4
e eA	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	1	0	0	1	0	2
L	0	0	0	0	0	0	0	0	0	2	2
Total	1	11	6	0	0	3	0	0	1	2	20
	0	1	2	0	0	1	0	0	0		4
											24

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Yankees Gap**

No. of Prints Checked: **3**

Polygons not changed from original BOGMP growth stage map

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	1	1	0	2	1	0	0	0	0	0	5	4
c tB	0	0	0	1	5	1	0	0	0	0	7	7
h tC	0	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	1	0	0	0	0	0	0	1	0
c sB	0	0	0	1	8	1	0	0	0	0	10	1
k sC	0	0	0	0	3	6	0	0	0	0	9	0
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	1	0	0	0	0	1	0
L	0	0	0	0	0	0	0	0	0	0	0	
Total	1	1	0	5	17	9	0	0	0	0	16	12
	0	0	0	1	3	1	0	0	0		5	33

Polygons assigned a new code during CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	0	0	0	1	0	0	0	0	0	0	1	1
c tB	0	1	0	0	0	0	0	0	0	0	1	0
h tC	0	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	1	0	0	0	0	0	0	1	0
c sB	0	0	0	0	1	0	0	0	0	0	1	0
k sC	0	0	0	0	1	2	0	0	0	0	3	0
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	2	1	7	0	10	0
L	0	0	0	0	0	0	0	0	0	0	0	
Total	0	1	0	2	2	2	2	1	7	0	12	1
	0	0	0	0	1	0	2	1	0		4	17

New polygons inserted into the CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	0	0	0	0	0	0	0	0	0	0	0	0
c tB	0	0	0	0	0	0	0	0	0	0	0	0
h tC	0	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	0	0	0	0	0	0	0	0	0	0	0
k sC	0	0	0	0	0	1	0	0	0	0	1	0
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0	0	0	0	1	0	0	0	0	1	0
	0	0	0	0	0	0	0	0	0		0	1

Combination of all polygons regardless of API heritage*

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	1	1	0	3	1	0	0	0	0	0	6	5
c tB	0	1	0	1	5	1	0	0	0	0	8	7
h tC	0	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	2	0	0	0	0	0	0	2	0
c sB	0	0	0	1	9	1	0	0	0	0	11	1
k sC	0	0	0	0	4	9	0	0	0	0	13	0
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	1	2	1	7	0	11	0
L	0	0	0	0	0	0	0	0	0	0	0	
Total	1	2	0	7	19	12	2	1	7	0	29	13
	0	0	0	1	4	1	2	1	0		9	51

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

1:25K Map Sheet: **Yowrie**

No. of Prints Checked: **2**

Polygons not changed from original BOGMP growth stage map

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	4	1	0	0	0	0	0	0	0	0	5	1
c tB	1	3	1	0	0	0	0	0	0	0	5	1
h tC	0	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	1	0	0	4	0	0	0	0	0	5	0
k sC	0	0	0	0	0	8	0	0	0	0	8	0
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	2	0	2	0
L	0	0	0	0	0	0	0	0	0	0	0	
Total	5	5	1	0	4	8	0	0	2	0	21	2
	1	1	0	0	0	0	0	0	0		2	25

Polygons assigned a new code during CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	2	0	0	0	0	0	0	0	0	0	2	0
c tB	0	7	0	0	0	0	0	0	0	0	7	0
h tC	0	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	2	0	0	0	0	0	0	0	0	2	0
k sC	0	1	4	0	1	2	0	0	1	0	9	1
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	1	0	1	0
L	0	0	0	0	0	0	0	0	0	0	0	
Total	2	10	4	0	1	2	0	0	2	0	12	1
	0	3	4	0	1	0	0	0	0		8	21

New polygons inserted into the CRA growth stage map

Original CRA Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	3	0	0	0	0	0	0	0	0	0	3	0
c tB	1	3	0	0	0	0	0	0	0	0	4	0
h tC	0	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	2	3	0	0	0	0	0	0	0	5	0
k sC	1	0	2	0	0	0	0	0	0	0	3	0
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0	0	
Total	5	5	5	0	0	0	0	0	0	0	6	0
	2	2	5	0	0	0	0	0	0		9	15

Combination of all polygons regardless of API heritage*

Original IAP Interpreter

	tA	tB	tC	sA	sB	sC	eA	eB	eC	L	Total	
tA	9	1	0	0	0	0	0	0	0	0	10	1
c tB	2	13	1	0	0	0	0	0	0	0	16	1
h tC	0	0	0	0	0	0	0	0	0	0	0	0
e sA	0	0	0	0	0	0	0	0	0	0	0	0
c sB	0	5	3	0	4	0	0	0	0	0	12	0
k sC	1	1	6	0	1	10	0	0	1	0	20	1
e eA	0	0	0	0	0	0	0	0	0	0	0	0
r eB	0	0	0	0	0	0	0	0	0	0	0	0
eC	0	0	0	0	0	0	0	0	3	0	3	0
L	0	0	0	0	0	0	0	0	0	0	0	
Total	12	20	10	0	5	10	0	0	4	0	39	3
	3	6	9	0	1	0	0	0	0		19	61

* API Heritage described the interpretation history of polygons used and edited in creating the final growth stage map

9.6.4 Results of polygon agreement assessments collated by 1:25,000 map sheets

Results of Polygon Agreement Assessments Collated by 1:25 000 Map Sheet and Raw Number of Polygons																	
1:25K Mapsheet	No.	No. of Polygons Assessed Per Map				Polygon Data Lineage											
		Original BOGMP Polygon	Re-Classified BOGMP Polygon	New Polygon	All Polygons Combined	Original BOGMP Polygon			Re-Classified BOGMP Polygon			New Polygon			All Polygons Combined		
		Total	Total	Total	Total	Agreed	OER ¹	UER ²	Agreed	OER ¹	UER ²	Agreed	OER ¹	UER ²	Agreed	OER ¹	UER ²
Bega	3	27	35	7	69	14	2	11	15	6	14	4	0	3	33	8	28
Bemboka	1	3	6	10	19	3	0	0	0	6	0	4	6	0	7	12	0
Brogo	5	71	61	11	143	41	10	20	42	10	9	2	7	2	85	27	31
Burragate	1	17	34	3	54	12	1	4	19	11	4	2	1	0	33	13	8
Candelo	4	38	50	7	95	29	2	7	22	25	3	2	4	1	53	31	11
Cobargo	5	35	73	24	132	28	1	6	42	21	10	14	7	3	84	29	19
Coolumbooka	3	31	26	16	73	21	3	7	21	2	3	14	1	1	56	6	11
Craigie	2	38	17	3	58	32	1	5	11	2	4	0	1	2	43	4	11
Eden	3	55	80	9	144	33	5	17	42	17	21	8	0	1	83	22	39
Glen Allen	1	17	7	1	25	15	2	0	6	1	0	1	0	0	22	3	0
Kiah	3	39	19	0	58	17	8	14	5	10	4	0	0	0	22	18	18
Kydra	2	19	11	16	46	15	2	2	7	1	3	10	3	3	32	6	8
Mt Imlay	4	47	49	20	116	40	1	6	30	13	6	13	4	3	83	18	15
Nadgee	1	9	18	8	35	3	4	2	13	5	0	3	5	0	19	14	2
Nalbaugh	2	41	30	6	77	35	2	4	20	3	7	4	2	0	59	7	11
Narooma	1	1	8	2	11	0	0	1	1	6	1	1	1	0	2	7	2
Narrabarba	1	6	8	1	15	4	2	0	2	4	2	0	1	0	6	7	2
Nungatta	3	3	60	24	87	3	0	0	52	2	6	19	3	2	74	5	8
Pambula	1	40	29	2	71	16	10	14	23	3	3	0	2	0	39	15	17
Puen Buen	2	35	11	5	51	29	1	5	7	3	1	2	2	1	38	6	7
Timbillica	4	38	55	15	108	31	2	5	40	7	8	11	3	1	82	12	14
Wolumla	2	32	21	1	54	14	3	15	12	3	6	0	1	0	26	7	21
Wyndham	2	40	58	7	105	18	8	14	33	12	13	1	4	2	52	24	29
Yambulla	1	10	13	1	24	10	0	0	9	4	0	1	0	0	20	4	0
Yankees Gap	1	33	17	1	51	16	5	12	12	4	1	1	0	0	29	9	13
Yowrie	2	25	21	15	61	21	2	2	12	8	1	6	9	0	39	19	3
Total	56	750	817	215	1782	500	77	173	498	189	130	123	67	25	1121	333	328

¹ OER = Over Estimated Regrowth; ² UER = Under Estimated Regrowth

Results of Polygon Agreement Assessments Collated by 1:25 000 Map Sheet and Raw Number of Polygons																	
		% of Polygons Assessed Per Map				Polygon Data Lineage											
		Original BOGMP Polygon	Re-Classified BOGMP Polygon	New Polygon	All Polygons Combined	Original BOGMP Polygon			Re-Classified BOGMP Polygon			New Polygon			All Polygons Combined		
1:25K Mapsheet	No.	% of Total	% of Total	% of Total	% of Total	% Agreed	% OER	% UER	% Agreed	% OER	% UER	% Agreed	% OER	% UER	% Agreed	% OER	% UER
Bega	3	39.1	50.7	10.1	100.0	51.9	7.4	40.7	42.9	17.1	40.0	57.1	0.0	42.9	47.8	11.6	40.6
Bemboka	1	15.8	31.6	52.6	100.0	100.0	0.0	0.0	0.0	100.0	0.0	40.0	60.0	0.0	36.8	63.2	0.0
Brogo	5	49.7	42.7	7.7	100.0	57.7	14.1	28.2	68.9	16.4	14.8	18.2	63.6	18.2	59.4	18.9	21.7
Burragate	1	31.5	63.0	5.6	100.0	70.6	5.9	23.5	55.9	32.4	11.8	66.7	33.3	0.0	61.1	24.1	14.8
Candelo	4	40.0	52.6	7.4	100.0	76.3	5.3	18.4	44.0	50.0	6.0	28.6	57.1	14.3	55.8	32.6	11.6
Cobargo	5	26.5	55.3	18.2	100.0	80.0	2.9	17.1	57.5	28.8	13.7	58.3	29.2	12.5	63.6	22.0	14.4
Coolumbooka	3	42.5	35.6	21.9	100.0	67.7	9.7	22.6	80.8	7.7	11.5	87.5	6.3	6.3	76.7	8.2	15.1
Craigie	2	65.5	29.3	5.2	100.0	84.2	2.6	13.2	64.7	11.8	23.5	0.0	33.3	66.7	74.1	6.9	19.0
Eden	3	38.2	55.6	6.3	100.0	60.0	9.1	30.9	52.5	21.3	26.3	88.9	0.0	11.1	57.6	15.3	27.1
Glen Allen	1	68.0	28.0	4.0	100.0	88.2	11.8	0.0	85.7	14.3	0.0	100.0	0.0	0.0	88.0	12.0	0.0
Kiah	3	67.2	32.8	0.0	100.0	43.6	20.5	35.9	26.3	52.6	21.1	0.0	0.0	0.0	37.9	31.0	31.0
Kydra	2	41.3	23.9	34.8	100.0	78.9	10.5	10.5	63.6	9.1	27.3	62.5	18.8	18.8	69.6	13.0	17.4
Mt Imlay	4	40.5	42.2	17.2	100.0	85.1	2.1	12.8	61.2	26.5	12.2	65.0	20.0	15.0	71.6	15.5	12.9
Nadgee	1	25.7	51.4	22.9	100.0	33.3	44.4	22.2	72.2	27.8	0.0	37.5	62.5	0.0	54.3	40.0	5.7
Naibaugh	2	53.2	39.0	7.8	100.0	85.4	4.9	9.8	66.7	10.0	23.3	66.7	33.3	0.0	76.6	9.1	14.3
Narooma	1	9.1	72.7	18.2	100.0	0.0	0.0	100.0	12.5	75.0	12.5	50.0	50.0	0.0	18.2	63.6	18.2
Narrabarba	1	40.0	53.3	6.7	100.0	26.7	13.3	0.0	13.3	26.7	13.3	0.0	6.7	0.0	40.0	46.7	13.3
Nungatta	3	3.4	69.0	27.6	100.0	100.0	0.0	0.0	86.7	3.3	10.0	79.2	12.5	8.3	85.1	5.7	9.2
Pambula	1	56.3	40.8	2.8	100.0	40.0	25.0	35.0	79.3	10.3	10.3	0.0	100.0	0.0	54.9	21.1	23.9
Puen Buen	2	68.6	21.6	9.8	100.0	82.9	2.9	14.3	63.6	27.3	9.1	40.0	40.0	20.0	74.5	11.8	13.7
Timbillica	4	35.2	50.9	13.9	100.0	81.6	5.3	13.2	72.7	12.7	14.5	73.3	20.0	6.7	75.9	11.1	13.0
Wolumla	2	59.3	38.9	1.9	100.0	43.8	9.4	46.9	57.1	14.3	28.6	0.0	100.0	0.0	48.1	13.0	38.9
Wyndham	2	38.1	55.2	6.7	100.0	45.0	20.0	35.0	56.9	20.7	22.4	14.3	57.1	28.6	49.5	22.9	27.6
Yambulla	1	41.7	54.2	4.2	100.0	100.0	0.0	0.0	69.2	30.8	0.0	100.0	0.0	0.0	83.3	16.7	0.0
Yankees Gap	1	64.7	33.3	2.0	100.0	48.5	15.2	36.4	70.6	23.5	5.9	100.0	0.0	0.0	56.9	17.6	25.5
Yowrie	2	41.0	34.4	24.6	100.0	84.0	8.0	8.0	57.1	38.1	4.8	40.0	60.0	0.0	63.9	31.1	4.9
Total	56	42.1	45.8	12.1	100.0	66.7	10.3	23.1	61.0	23.1	15.9	57.2	31.2	11.6	62.9	18.7	18.4

¹ OER = Over Estimated Regrowth; ² UER = Under Estimated Regrowth

9.7 DIGITAL CAPTURE SPECIFICATIONS

API Digital Capture and Transfer to ACRVIEW Compatible GIS Layers - Eden CRA

EXECUTIVE SUMMARY

Tenders are being sought for qualified and experienced transfer consultants capture forest typing, growth stage and disturbance mapping recorded by aerial photography interpreters into ARCVIEW compatible line and centroid coverages. Contract will provide a product essential for the successful completion of the Eden Comprehensive Regional Assessment (CRA).

Work will include scanning of coloured acetate overlays, digital separation of colours into separate files, rectification of acetate overlays, vectorisation, merging of photographic frames into one single GIS coverage, digital editing, clean and building into three GIS coverages of growth stage, forest type and disturbance.

PROJECT BRIEF

BACKGROUND

A comprehensive regional assessment of Eden is currently underway (CRA) and is expected to be completed by August 1997. The API mapping project is an approved project in the Eden CRA. This contract is intended to digitally capture aerial photographic information currently recorded on acetate overlays. The information on these acetate overlays are essential to the completion of vegetation, old growth, fauna modelling and forest ecosystem mapping projects.

PROJECT TITLE:

API Digital Capture and Transfer to ACRVIEW Compatible GIS Layers - Eden CRA

PROJECT OBJECTIVES:

1. To provide a ARCVIEW compatible GIS line and centroid layers of broad and fine forest typing from acetate API overlays for the Eden Management Area
2. To provide a ARCVIEW compatible GIS line and centroid layers of forest growth stages from acetate API overlays for the Eden Management Area
3. To provide a ARCVIEW compatible GIS centroid layer of recent forest logging and fire disturbances from acetate API overlays for the Eden Management Area
4. To provide a ARCVIEW compatible GIS line and centroid layers of historical disturbances from acetate API overlays for the Eden Management Area

PROJECT LOCATION

The project area is located in the Eden Forest Management Area.

PROJECT TASKS

OVERVIEW

1. Forest type mapping is the first GIS layer requiring completion. New API mapping is being undertaken for approximately 400 photographs. After scanning, rectification, vectorisation and export to GIS this new forest typing needs to be merged with approximately 50 photographs which have already been digitally captured (see VEG:RN17 30/7/97: MAP 1).
2. A similar process is required for Growth Stage Mapping. Approximately 350 photographs have already been digitally captured. New growth stage mapping for approximately 100 photographs needs to be merged with this existing layer. Editing of the existing layer will be done using a combination of additional scanned images and attribute validations (see API: Comb. Growth Stage (IAP) 3/6. MAP 1).
3. Mapping of forest disturbance to be done by providing additional attributes applied to final Forest Growth Stage GIS layer.
4. All photography is 1:25,000 scale. Error resolution and auditing to be done using 1:25,000 mapsheets as tiles.
5. An additional contract is being considered for the Mapping of Past Historical Disturbance. Approximate maximum of 200 overlays are expected from 40 photographs.

TASKS

Part 1

1. Gearing up
2. Scanning of clear acetate overlays (total number photographs approximately 450, total number of overlays approximately 900)
3. Colour separation of scanned overlays to create independent digital files
4. Rectification of files to NPWS supplied DTM
5. Vectorisation of files
6. Export of files in GIS compatible format (ARCINFO preferred)

Part 2

7. Gearing Up
8. Import of files
9. Stitching, editing and attributing of new linework in GIS layer
10. Stitching, editing and attributing of new linework into exiting linework provided by NPWS to create a modified existing layer
11. Stitching, editing and attributing of new and modified exiting layers
12. Error resolution and auditing of linework and attributing from 1:25K mapsheets and original photographs by aerial photography interpreters provided by NPWS. Corrections made by contractor.

METHODOLOGY

1. The contractor is required to provide a detailed description of their preferred method for completing the tasks identified (see Appendix C: Summary of Potential Methodologies).
2. Copies for current forest growth stage digital line layer and acetate overlays for scanning are provided. Please be aware that the acetates have already had a lot of handling. Acetate provided as part of this contract will be cleaner.

3. API data capture will be undertaken to minimise GIS editing needs by using colour separation after scanning. Labels will be in black, line work in red except for rainforest polygons on Growth Stage Maps and rainforest point and line features on Forest Type Map which will be in green (see Appendix D and E).
4. Security of storage for overlays and photographic material is required. Please indicate your preferred procedure in the tender bid.
5. Error resolution will be provided by NPWS during the merging and editing of GIS layers. Procedures for error resolution to be resolved with the successful contractor. NPWS preferred position is to resolve errors on 1:25,000 mapsheet tiles using original photography and interpreters.
6. Final GIS layer accuracy will be audited at the discretion of NPWS. Audits of accuracy will be done by NPWS using 1:25,000 topographic mapsheets and 1:25,000 tiles of GIS layer and original 1:25,000 aerial photographs. Accuracy of better than 37.5 metres to linear controls is expected. Photo frames or tiles with an inaccuracy of greater than 37.5 metres will be returned for correction. All attributes will be correctly labelled. All corrections will be done by the transfer contractor at the contractor's own expense.

SERVICE CONTRIBUTIONS

All data to be returned to NPWS on completion of the contract.

- I. Clear acetate overlays of 1:25K Aerial Photographs in three primary colour, black, red and green
- II. DTM of Eden management Areas in ARCINFO compatible format
- III. Existing forest type mapping in line and centroid format compatible with ARCINFO
- IV. Existing forest growth stage mapping in line and centroid format compatible with ARCINFO
- V. Digital Linework for streams, roads, coastline and power utilities.
- VI. 1:25,000 flat topographic maps for total area
- VII. API validation and error resolution of 1:25K printed mapsheets

CONTRACTOR CONTRIBUTIONS

- I. Expert team of technicians capable of handling the capacity of work in restricted timeframe and budget. This will include a need to work outside normal working hours. A high level of expertise will be required. It is anticipated that commandline macros may need to be written to automate editing tasks thus minimising duplication and likelihood of errors.
- II. Access to colour scanning facilities of better than 300 DPI.
- III. Access to colour separation software.
- IV. Access to file rectification software with the capacity to be used against a DTM.
- V. Access to vectorisation software.
- VI. Access to GIS ARCINFO, MAPINFO or geographical information systems for systematic capture, merging, stitching and error correcting of line and centroid layers.
- VII. Access to colour drum printers.
- VIII. Access to computer storage facilities capable of handling the expected storage needs (20MB/overlay x 2000 = 200,000 MB scan images alone).
- IX. Access to modern office communication equipment including e-mail.

TIMETABLE**CONTRACT PERIOD**

Contract period is as specified in the Response Form (page 9).

DATA AVAILABILITY

1. DTM layers in ARCVIEW format available 7 July 1997.
2. Existing digital forest typing overlays available 7 July 1997.
3. Existing forest growth stage mapping available 7 July 1997. Some editing of existing forest typing linework is expected. Moderate level of edits of existing forest type attributing may be required
4. Acetate overlays of new forest typing will be available from 16 July 1997. Final overlays to be completed 23 July 1997. No editing of existing forest typing linework is expected. Minimal edits of existing forest type attributing may be required.
5. Acetate overlays of new forest growth will be available from 7 July 1997 till 23 July 1997.

PUBLIC LIABILITY AND PROFESSIONAL INDEMNITY INSURANCE

Public liability insurance is a requirement of the contract. A copy of a current policy should be included with tender bid.

Professional Liability insurance is not a requirement but preferred. If you have professional indemnity please provide a copy of the current premium with tender bid.

FINANCIAL ESTIMATES

The Service is seeking tenders including project proposals and quotations. The Service reserves the right not to proceed with this matter.

PAYMENTS

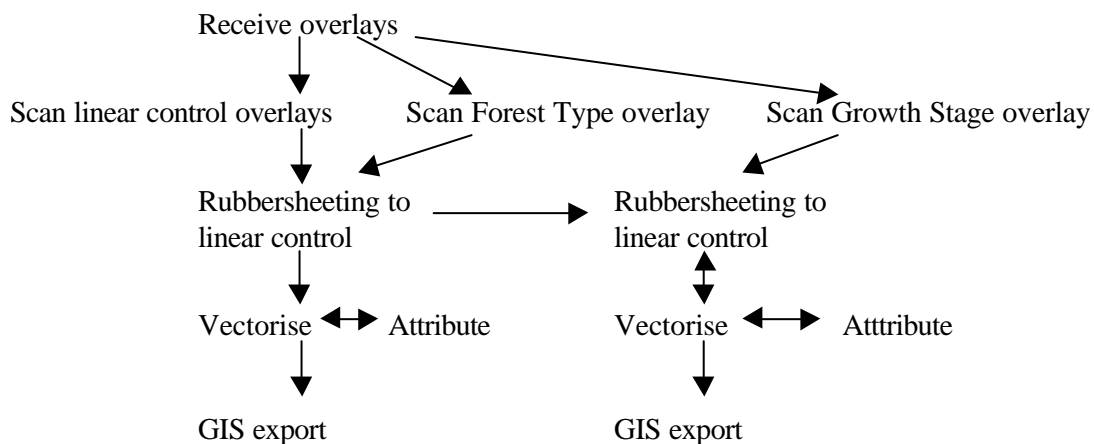
One payment of ten percent of the total contract value will be made at the commencement of the contract. A final payment of the remaining balance will be made at the completion of the project subject to API validation of the accuracy of all GIS layers provided by acceptable to NPWS and the return of all equipment, maps, overlays and GIS layers provided.

Specific enquiries may be directed to Peter (Max) Beukers at the NPWS Office, PO BOX 2115, Queanbeyan 2620 (Tel: 06 2997255; fax: 06 29947833).

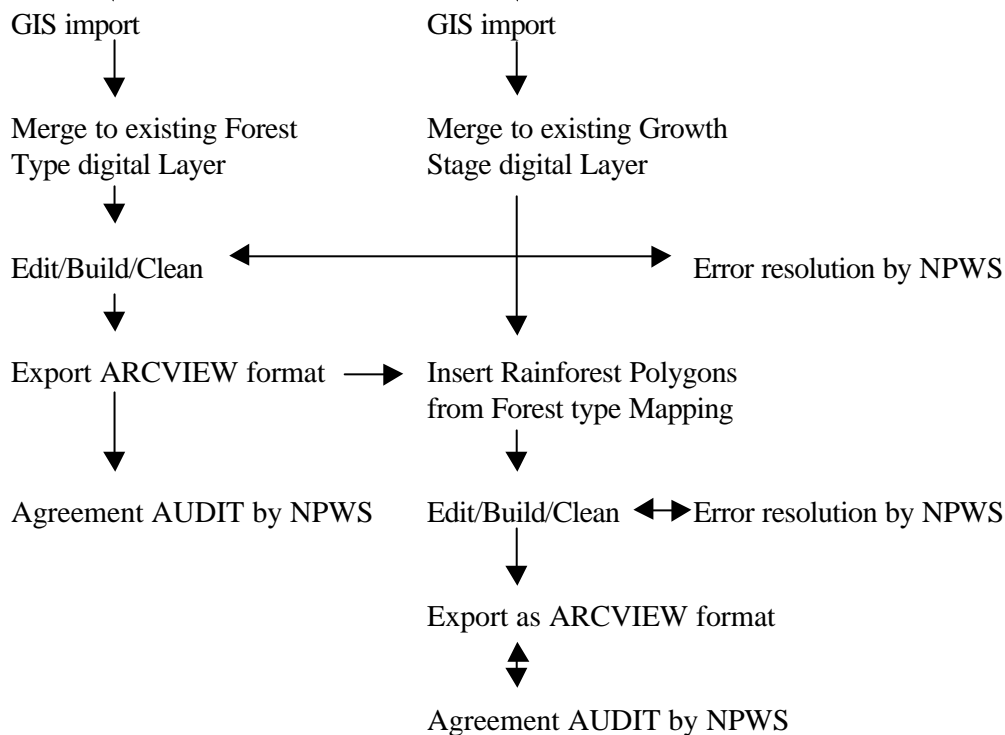
Nic Gellie, CRA Manager
NPWS Southern Zone
6 Rutledge St
QUEANBEYAN NSW 2620
tel: 06 2989739
fax: 06 2994281
E-mail: nicholas.gellie@npws.nsw.gov.au

Method 1: Linear control

PART 1



PART 2

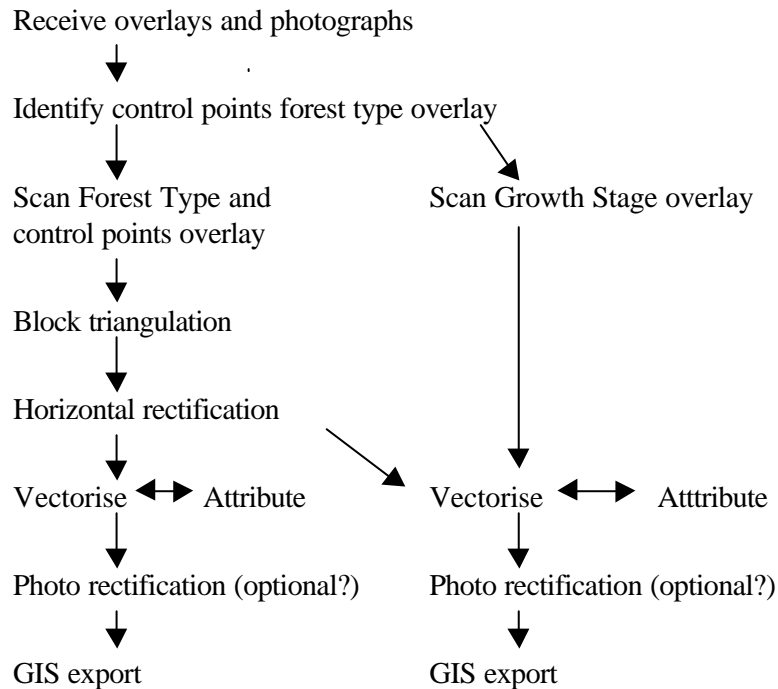


Error resolution will be provided by NPWS during the merging and editing of GIS layers. Procedures for error resolution to be resolved with the successful contractor. NPWS preferred position is to resolve errors on 1:25,000 mapsheet tiles using original photography and interpreters.

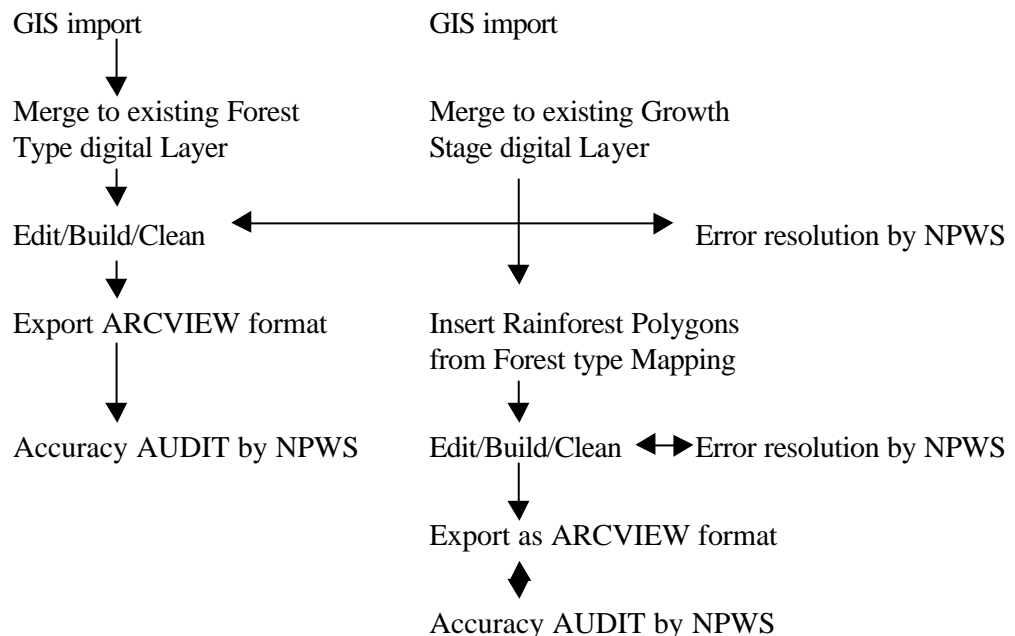
Final GIS layer accuracy will be audited at the discretion of NPWS. Audits of accuracy will be done by NPWS using 1:25,000 topographic mapsheets and 1:25,000 tiles of GIS layer and original 1:25,000 aerial photographs. Accuracy of better than 37.5 metres to linear controls is expected. . Photo frames or tiles with an inaccuracy of greater than 37.5 metres will be returned for correction. All attributes will be correctly labelled. All corrections will be done by the transfer contractor at the contractor's own expense.

Method 2: Point control

PART 1



PART 2



Error resolution will be provided by NPWS during the merging and editing of GIS layers. Procedures for error resolution to be resolved with the successful contractor. NPWS preferred position is to resolve errors on 1:25,000 mapsheet tiles using original photography and interpreters.

Final GIS layer accuracy will be audited at the discretion of NPWS. Audits of accuracy will be done by NPWS using 1:25,000 topographic mapsheets and 1:25,000 tiles of GIS layer and original 1:25,000 aerial photographs. Accuracy of better than 37.5 metres to linear controls is expected. . Photo frames or tiles with an inaccuracy of greater than 37.5

metres will be returned for correction. All attributes will be correctly labelled. All corrections will be done by the transfer contractor at the contractors own expense.

9.8 EQUIPMENT SPECIFICATIONS

To minimise problems with digitising (scanning) and in the Geographical Information Systems (GIS), specific methodology must be followed with specific inks and pens.

9.8.1 Inks and pens

Pens and inks are specified based on scanning success and problems.

Pens

- Rotring Isograph @ 0.18 mm or 0.25 mm for all polygon boundary delineation and coding required for scanning (0.18 mm suggested for coding).
- Artline 853 for common lines (those lines that have already been scanned once and do not need to be scanned again). Green only.
- Artline 853 for rainforest locality symbols (triangles and lines)

Inks

- Rapidoplot Archival Ink
- Rotring MF Ink (black only for labelling) “optional”

Colours for specific line and label work

- Black All Labels
- Red Polygon lines and fiducials
- Green Rainforest lines and triangles
Common (traced) Lines
- Purple Effective areas

9.8.2 Fiducials

Should always be marked with a RED CROSS (+)

9.8.3 Preparation of the floristics overlay:

- Place blank overlay onto photo.
- Mark fiducials onto overlay in red.
- Delineate Rainforest, Non-forest and Excluded areas in RED
- Delineate floristics in RED.
- Code all polygons in BLACK.

9.8.4 Preparation of growth stage validation overlay:

- Place BOGMP overlay on photo.
- Place blank overlay on top.
- Mark fiducials onto blank overlay in red.
- Trace all Rainforest, Non-forest and Excluded areas in GREEN onto the blank overlay (*Common lines*)
- Connect up Rainforest, Non-forest and excluded areas into the BOGMP line layer on the blank overlay using RED.
- Validate all BOGMP line work and delineate new growth staging line work where BOGMP is not present or incorrect.
- Code all polygons in BLACK.

Validation of:

- **D** codes where attached to a label are to be removed permanently
- **Y** codes where they are attached to an **e** label are to be removed
- **Y** codes where they are attached to any other label need to be verified as correct or removed if incorrect.
- **F** codes where they are attached to any label need to be verified as correct or removed if incorrect.
- All other labels need to be verified as correct or removed if incorrect

9.8.5 Preparation of field overlay:

- Place blank overlay onto photo.
- Mark fiducials onto overlay in red.
- Mark all field notes only this overlay only.
- Locate any field plots on overlay with a site code beginning with S1 to S ∞ in GREEN and an X to mark the spot. Each new photo should start again at S1.
- This overlay must be placed over the photo during the course of fieldwork to avoid damage to the floristics or growth staging line-work.

9.8.6 Labelling:

- Obtain sheets of sticky labels;
- Place these onto all new overlays on the bottom right hand corner of the photo making sure it does not cover the fiducials.

9.9 API PROFORMAS

9.9.1 API site mapping proforma

SITE NUMBER		RECORDER		DATE	
PHOTOGRAPHY			YEAR		PRINT
SLOPE		ASPECT		SEASONALITY	
LITHOLOGY/GEOLOGY					
BAUR TYPE (actual)			API SITE HEIGHT		

GROWTH STAGE		
	Number	%
Regrowth		
Mature		
Senescent		
	LABEL	

- | | |
|--------------------|---------------------|
| TOPOGRAPHY: | UNDERSTOREY: |
| Ridge | Grassy |
| Upper Slope | Dry herbs |
| Mid Slope | Moist herbs |
| Lower Slope | Dry shrubs |
| Gully | Moist Shrubs |
| Flat | Rainforest |
| Other | Other |

DISTURBANCE	SEVERITY	TIME	ACCURACY	OBS. TYPE
FIRE				
LOGGING (selective)				
LOGGING (Clearfell)				
GRAZING				
WEEDS				
OTHER				

CANOPY SPECIES							UNDERSTOREY SPECIES						
			DOMINANCE							DOMINANCE			
NAME	COV.	LEVEL	D	S	C	T	NAME	COV.	LEVEL	D	S	C	T

COMMENTS/ SUMMARY/ GENERAL OBSERVATIONS

9.10 METADATA STATEMENTS FOR FINAL OUTPUTS

9.10.1 API Floristics Map

CATEGORY	CORE METADATA ELEMENT	DESCRIPTION
DATASET	Title:	API Floristics Layer
	Custodian:	NSW National Parks and Wildlife Service
	Jurisdiction:	New South Wales AUSTRALIA
	CRA Project Name:	API Mapping - Eden CRA Region
	CRA Project Number:	NE21/MUL
CONTACT ADDRESS	Contact organisation:	NSW National Parks and Wildlife Service Geographic Information Systems Division and Southern Zone
	Contact position:	Manager, GISD; Manager, CRA Unit Southern Zone; Vegetation and API Coordinator; CRA Unit, Southern Zone
	Mail Address 1:	PO Box 1967
	Mail Address 2:	43 Bridge St
	Suburb/place/locality:	HURSTVILLE
	State/Locality 2:	NSW
	Country:	AUSTRALIA
	Postcode:	2220
	Telephone:	02 95856611 02 62997255
	Facsimile:	02 95856466 02 62997833
	Electronic mail address:	malcolm.stephens@npws.nsw.gov.au nick.gellie@npws.nsw.gov.au peter.beukers@npws.nsw.gov.au
DESCRIPTION	Abstract:	Canopy floristics map of the Eden Management Area undertaken for the Eden CRA. Broad vegetation classification especially derived for the project were used to supplement existing Research Note 17 mapping.
	Search Words:	Vegetation Map; Canopy Floristics, Eden CRA, Research Note 17 (RN17)
	Geographic extent, Name(s):	Eden CRA Region (defined by RACAC to be the NSW State Forests Eden Management Area)
	Geographic Extent, Polygon(s):	36'00"S 148'30"N; 38'00"S 150'30"N
	Type of feature:	Polygon Layer
	Attribute/Field List:	Alpha/Numeric Codes
	Attribute/Field Description:	Combinations of Dominant Canopy Species. Information captured using a three level hierarchical pathway. Level one least specific and level three most specific. Where RN17 typing exists it has been incorporated into growth stage layer without alteration.
	Scale/Resolution:	1:25,000
DATASET CURRENCY	Beginning date:	1-Jan-97
	Ending date:	14-Sep-97
DATASET STATUS	Progress:	Completed
	Maintenance and update frequency:	No modification without permission of NPWS; Contact Max Beukers, API Mapping Co-ordinator, CRA Unit, Southern Zone

DATASET ENVIRONMENT	Software:	ARC/INFO
	Computer Operating System:	UNIX
	Dataset Size:	
ACCESS	Stored Data Format:	ARC/INFO Unix
	Available Format Type:	ARC/INFO Grid Export
	Access constraints:	Data is to be used for CRA purposes only within NPWS OR by other agencies under the CRA Scoping Agreement.
DATA QUALITY	Lineage:	All data derived from 1:25,000 colour aerial photography taken in 1994 and 1991. Updates to 1996 logging derived from SFNSW records; 1994 and 1996 Landsat Image Analysis (undertaken by NPWS and BRS) and field checking. Also incorporated RN17 mapping.
	Positional accuracy:	Within 37.5 mtrs linear features (drainage features mainly)
	Attribute accuracy:	Approximately 20% of API time spent field checking. API nomenclature and line audit undertaken prior to digital capture. Further API field check of layers and attributes occurred during digital data capture. No independent validation of forest eucalypt canopy species attributing was undertaken.
	Logical consistency:	API decision pathways created and reviewed by stakeholders and API expert working group. Desktop stereoscopes were used to capture all information. Two day field calibration workshop was undertaken by all API contractors prior to commencement. Regular reviews were undertaken by NPWS staff and API peers. However no formal process of independent validation of the data was undertaken.
	Completeness:	Total area covered entire area except for level two and three mapping in the central portion of the Wadbilliga National Park Puen Buen and Yankees Gap mapsheets and level three mapping in the Kydra and Kybeyan 1:25,000 mapsheets.
NOTES	Notes:	
METADATA DATE	Metadata date:	19/09/1977
METADATA COMPLETED BY	Metadata sheet compiled by:	Max Beukers
FURTHER INFORMATION	Further information:	API Floristic Mapping Report, Eden CRA, 1997, RACAC and NSW NPWS

9.10.2 Growth Stage Map

CATEGORY	CORE METADATA ELEMENT	DESCRIPTION
DATASET	Title:	API Growth Stage Layer
	Custodian:	NSW National Parks and Wildlife Service
	Jurisdiction:	New South Wales AUSTRALIA
	CRA Project Name:	API Mapping - Eden CRA Region
	CRA Project Number:	NE21/MUL
CONTACT ADDRESS	Contact organisation:	NSW National Parks and Wildlife Service Geographic Information Systems Division and Southern Zone
	Contact position:	Manager, GISD; Manager, CRA Unit Southern Zone; Vegetation and API Coordinator; CRA Unit, Southern Zone
	Mail Address 1:	PO Box 1967
	Mail Address 2:	43 Bridge St
	Suburb/place/locality:	HURSTVILLE
	State/Locality 2:	NSW
	Country:	AUSTRALIA
	Postcode:	2220
	Telephone:	02 95856611 02 62997255
	Facsimile:	02 95856466 02 62997833
	Electronic mail address:	malcolm.stephens@npws.nsw.gov.au nick.gellie@npws.nsw.gov.au peter.beukers@npws.nsw.gov.au
DESCRIPTION	Abstract:	Growth stage map of the Eden Management Area undertaken for the Eden CRA. Photographic interpretation techniques were used to identify proportional content of regrowth, mature and senescent trees in forest stands from aerial photographs.
	Search Words:	Growth Stage Map; Oldgrowth; Eden CRA; Broad Oldgrowth Mapping Project, Eden IFA
	Geographic extent, Name(s):	Eden CRA Region (defined by RACAC to be the NSW State Forests Eden Management Area)
	Geographic Extent, Polygon(s):	36'00"S 148'30"N; 38'00"S 150'30"N
	Type of feature:	Polygon Layer
	Attribute/Field List:	Alpha Codes
	Attribute/Field Description:	Proportional Contents of Regrowth and Senescent Crowns, Logged areas, Cleared and Non_Eucalyptus ForestTypes, Rainforest (refer API Project - Eden CRA Region final report)
	Scale/Resolution:	1:25,000
DATASET CURRENCY	Beginning date:	1-Jan-97
	Ending date:	14-Sep-97
DATASET STATUS	Progress:	Completed
	Maintenance and update frequency:	No modification without permission of NPWS; Contact Max Beukers, API Mapping Co-ordinator, CRA Unit, Southern Zone
DATASET ENVIRONMENT	Software:	ARC/INFO
	Computer Operating System:	UNIX
	Dataset Size:	

ACCESS	Stored Data Format:	ARCINFO Unix
	Available Format Type:	ARCINFO Grid Export
	Access constraints:	Data is to be used for CRA purposes only within NPWS OR by other agencies under the CRA Scoping Agreement.
DATA QUALITY	Lineage:	API growth stage map sought to update the 1995 BOGMP using a methodology agreed to by expert API working group of the environment and heritage technical committee. All data was interpreted off 1:25,000 colour aerial photography taken in 1994 and 1991.
	Positional accuracy:	Within 37.5 mtrs linear features (drainage lines, roads, coastline)
	Attribute accuracy:	Approximately 20% of API time spent field checking. API nomenclature and line audit undertaken prior to and during digital capture. An independent validation of 10% of photography (56 photographs) (1752 polygons) occurred after capture was completed. Overall a 63% agreement between independent validators and API work with no bias identified.
	Logical consistency:	API decision pathways created and reviewed by stakeholders and API expert working group. Desktop stereoscopes where used to capture all information. Two days filed calibration workshop was undertaken by all API contractors prior to commencement. Growth stages were interpreted after canopy floristics. Regular reviews of growth stage work was undertaken by NPWS staff, API contract peers. 20 % of API time was spent on field vailidations. Occasional spot checks by SFNSW staff and RACAC staff also.
	Completeness:	Total area covered entire area to the same level of consistency. Overlap in 1991 and 1994 photography was difficult to separate. Where possible more recent photography was given precedence.
NOTES	Notes:	
METADATA DATE	Metadata date:	19/09/1977
METADATA COMPLETED BY	Metadata sheet compiled by:	Max Beukers
FURTHER INFORMATION	Further information:	API Floristic Mapping Report, Eden CRA, 1997, RACAC and NSW NPWS Joint Old-growth Forest Project Summary Report (1996) NPWS and SFNSW

9.10.3 Historical Forest Disturbance Map

CATEGORY	CORE METADATA ELEMENT	DESCRIPTION
DATASET	Title:	Broad Forest Disturbance History - Eden
	Custodian:	NSW National Parks and Wildlife Service
	Jurisdiction:	New South Wales AUSTRALIA
	CRA Project Name:	API Mapping - Eden CRA Region
	CRA Project Number:	NE21/MUL
CONTACT ADDRESS	Contact organisation:	NSW National Parks and Wildlife Service Geographic Information Systems Division and Southern Zone
	Contact position:	Manager, GISD; Manager, CRA Unit Southern Zone; Vegetation and API Coordinator; CRA Unit, Southern Zone
	Mail Address 1:	PO Box 1967
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DESCRIPTION	Abstract:	Broad Forest Disturbance History mapping of the State Forest of NSW Eden Management Area collated for the Eden CRA by NPWS. Map generated from API interpretation of logging and wildfire disturbances obvious on 1962 and 1967 1:40,000 black and white aerial photographs.
	Search Words:	Historical Disturbance Map; Logging Map; Wildfire Map; Eden CRA;
	Geographic extent, Name(s):	Eden CRA Region (defined by RACAC to be the NSW State Forests Eden Management Area)
	Geographic Extent, Polygon(s):	36'00"S 148'30"N; 38'00"S 150'30"N
	Type of feature:	Polygon Layer
	Attribute/Field List:	Alpha/Numeric Codes:
	Attribute/Field Description:	Logged Logged + Wildfire Probably Part logged Wildfire Not Mapped (possibly logged) Unknown (refer API Project - Eden CRA Region Report for details)
	Scale/Resolution:	1:50,000
DATASET CURRENCY	Beginning date:	1-Sep-97
	Ending date:	9-Oct-97
DATASET STATUS	Progress:	Completed
	Maintenance and update frequency:	No modification without permission of NPWS; Contact Max Beukers, API Mapping Co-ordinator, CRA Unit, Southern Zone

DATASET ENVIRONMENT	Software:	ARC/INFO
	Computer Operating System:	UNIX
	Dataset Size:	
ACCESS	Stored Data Format:	ARC/INFO Unix
	Available Format Type:	ARC/INFO Grid Export
	Access constraints:	Data is to be used for CRA purposes only within NPWS OR by other agencies under the CRA Scoping Agreement.
DATA QUALITY	Lineage:	Broad forest disturbance history was the last API assessment to be completed. Obvious and visible logging and wildfire disturbances were delineated on black and white 1:40,000 photography from 1962 (Eden) and 1967 (Bega/Goalan Point). Regrowth forests were not delineated. Capture was rapid with minimal field checking. Digital capture was by AUTOCAD. No accuracy check has been completed for the layer and it is provided for contextual information only.
	Positional accuracy:	Not validated. Precision of the mapped extent of wildfires and logging disturbances is low and highly variable (possibly from 100 - 1000m). General topographic positioning assumed to approximate 100m from linear drainage features.
	Attribute accuracy:	No field checking of attribute coding. No post capture validation. Only obvious gross disturbance evident on photography recorded. Capture of small area disturbance or low intensity disturbances variable across landscape.
	Logical consistency:	API decision pathways reviewed by stakeholders and API expert working group.
	Completeness:	Total area covered entire area except for the Far South West tablelands (i.e. the Craigie 1:25,000 mapsheet and environ).
NOTES	Notes:	Provided as a contextual layer only to assist Eden CRA negotiations.
METADATA DATE	Metadata date:	10/10/1977
METADATA COMPLETED BY	Metadata sheet compiled by:	Max Beukers
FURTHER INFORMATION	Further information:	API Floristic Mapping Report, Eden CRA, 1997, RACAC and NSW NPWS

9.11 GIS FINAL EDITING PROCEDURE

Following discussions with Bureau of Resource Sciences, Department of Primary Industry and Environment a process for dissolving small polygons was created by the updating of new floristics information. It is based on the principle that arcs with an identity of -1 cannot be dissolved.

They also expressed concern about the problems with using UPDATE command. In particular with the removal of attributes for polygons that would be completely surrounded by new polygons (“the hole on the donut not getting a label”).

Note that this has been developed for UNIX based systems and does not work on PC ARC/INFO.

API CANOPY FLORISTIC LAYER clean, built, edited dissolve, FINISHED

API GROWTH STAGE LAYER LABEL EDIT completed

(refer attached *CANOPY FLORISTIC CODE EDIT* Appendix A <f_cod4.xls>)

API GROWTH STAGE LAYER MAPJOIN completed

API GROWTH STAGE LAYER LABEL EDIT completed

(refer attached *Growth Stage Code Edit* Appendix B <g_cod1.xls>)

COPY coverages out of API Canopy Floristic Layer as a NEW NON-EUC/EUC LAYER

(refer attached *New Non-Euc/Euc Edit* Appendix A <f_cod4.xls>;

item(column) “CODE for Growth Stage Update”

NON_EUC: OUT: RAIN)

Make arcs NEW NON-EUC/EUC LAYER have an id = -1.

CALCULATE \$ID = -1

Using STATISTIC, TABLES record total length of all ARC's with -1 id.

This will be used to check the accuracy of the project afterwards.

Ensure the NEW NON-EUC/EUC LAYER has attribute item called “new_code” (column within polygon attribute table)

Ensure the API GROWTH STAGE LAYER has attribute item called “old_code” (column within polygon attribute table)

INTERSECT/UNION NEW NON-EUC/EUC LAYER and API GROWTH STAGE LAYER layers.

After UNION coverage has New_code and Old_code attribute items in column polygon attribute table)

ADD ATTRIBUTE = final_code

RSELECT where new_code ≠ [blank]

CALCULATE final_code = new_code

NSELECT

CALCULATE final_code = old_code

ELIMINATE pR, pRE, pO, unknown, fin_code polygons <1.5ha

ELIMINATE tA, tB, tC, sA, sB, sC, e, *Y, *F, C, t, Uc, etc fin_code <7.5ha

Using Tables, Statistic record total length of ARCs with -1 id. This should be the same as the initial check.