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**OCCUPATIONAL EXPOSURE TO RADON IN AUSTRALIAN TOURIST CAVES**  
**AN AUSTRALIA-WIDE STUDY OF RADON LEVELS**

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**APPENDIX II**

**SITE CODE DESCRIPTIONS**

Site Code	Cave Name	Site Description	Site Code	Cave Name	Site Description
ABE ARC A	Arch	Top End oppos Cathedral	GUN GUN B	Gunns Plains	DB2 Switchboard
ABE ARC B	Arch	Dance Floor	GUN GUN C	Gunns Plains	DB3
ABE BUS A	Bush Ranger	Last Chamber from Arch	GUN GUN D	Gunns Plains	DB4
ABE BUS B	Bush Ranger	Central Chamber	GUN GUN E	Gunns Plains	DB5
ABE BUS C	Bush Ranger	First Stop	GUN GUN F	Gunns Plains	DB6
ABE GRO A	Grove	End Switchboard	GUN GUN G	Gunns Plains	DB7
ABE KIN A	King Solomons	Top Landing	GUN GUN H	Gunns Plains	Entrance Foyer
BUC FAI A	Fairy	Near Entrance, Top of E. C. stairs	HAS NEW A	Newdegate	SwB B
BUC FAI B	Fairy	Petrified Shower (S.B. 9)	HAS NEW B	Newdegate	Bottom of Spiral Stairs
BUC FAI C	Fairy	Kings Chamber	HAS NEW C	Newdegate	SwB C
BUC FAI D	Fairy	Titania's Bower	HAS NEW D	Newdegate	SwB E
BUC FAI E	Fairy	Ivory Palace	HAS NEW E	Newdegate	SwB F
BUC FAI F	Fairy	After Rockfall	HAS NEW F	Newdegate	Above SwB F
BUC FAI G	Fairy	Blackwood, Base of Crevice	HAS NEW G	Newdegate	SwB I
BUC FAI H	Fairy	Eastern Chamber	HAS NEW H	Newdegate	SwB G
BUC ROY A	Royal	Cave Entrance	JEN JEN A	Guide Office	Guides Office
BUC ROY B	Royal	Vineyard	JEN NTH A	Jenolan Nth	Woolshed
BUC ROY C	Royal	Font of Gods	JEN NTH B	Jenolan Nth	River
BUC ROY D	Royal	Reed Chamber	JEN NTH C	Jenolan Nth	Sink Hole
BUC ROY E	Royal	Princess Royal	JEN NTH D	Jenolan Nth	Lots Wife
BUC ROY F	Royal	Skeleton Chamber	JEN NTH E	Jenolan Nth	Fairy Bower
BUC SHA A	Shades of Death	End of Cat Walk	JEN NTH F	Jenolan Nth	Diamond cave
BUC SHA B	Shades of Death	The Crocodile	JEN NTH G	Jenolan Nth	Nellies Grotto
BUC SHA C	Shades of Death	Breakdown Area	JEN NTH H	Jenolan Nth	Pin Cushion Jcn
BUC SHA D	Shades of Death	First Landing	JEN NTH I	Jenolan Nth	Victorias Bower
BUC SHA E	Shades of Death	Southern Loop	JEN NTH J	Jenolan Nth	Whales Throat
BUC SHA F	Shades of Death	Above Steamway	JEN NTH K	Jenolan Nth	On route Water Garden
CHI DON A	Donna	Main Chamber	JEN NTH L	Jenolan Nth	Water Garden
CHI DON B	Donna	Fairy Grotto	JEN NTH M	Jenolan Nth	Margaritas Chamber
CHI DON C	Donna	False Floors	JEN NTH N	Jenolan Nth	Lucindas Platform
CHI ROY A	Royal	Jcn /Entrance&Swiss Cheese	JEN NTH P	Jenolan Nth	Katies Lower
CHI ROY B	Royal	Saint Bernards	JEN SOU A	Jenolan S	Ante Room
CHI ROY C	Royal	The Stage	JEN SOU B	Jenolan S	Cathedral
CHI TEA A	Tea Tree	Right Hand Passage	JEN SOU C	Jenolan S	Mafeking
CHI TEA B	Tea Tree	Fossil Chamber	JEN SOU D	Jenolan S	Pink and White Terraces
CHI TRE A	Treisau	Main Chamber	JEN SOU E	Jenolan S	Bone Cave
GUN GUN A	Gunns Plains	Entrance Stairs	JEN SOU F	Jenolan S	Jcn Pool of Cerberus/Lucas

Site Code	Cave Name	Site Description	Site Code	Cave Name	Site Description
JEN SOU G	Jenolan S	Iron Ladder Cerberus	MAR JEW C	Jewel	Flat Roof
JEN SOU H	Jenolan S	Pool of Cerberus	MAR JEW D	Jewel	Pendulites
JEN SOU I	Jenolan S	Pool of Reflections	MAR JEW E	Jewel	Camel Cavern
JEN SOU J	Jenolan S	Queens Canopy	MAR JEW F	Jewel	Jewel Casket
JEN SOU K	Jenolan S	Queen Esthers Chamber	MAR JEW G	Jewel	Karri Forest
JEN SOU L	Jenolan S	Cleopatras Needle	MAR JEW H	Jewel	Main Chamber
JEN SOU M	Jenolan S	Morlocks Chamber	MAR JEW I	Jewel	Entrance Stairs
JEN SOU N	Jenolan S	Top Landing Baal	MAR LAK A	Lake Cave	Far End
JEN SOU P	Jenolan S	Golden Cascades	MAR LAK B	Lake Cave	Celery Stick
JEN SOU Q	Jenolan S	Baal/Orient/River Jcn	MAR LAK C	Lake Cave	Entrance Stairs
JEN SOU R	Jenolan S	Bear Pit	MAR MAM A	Mammoth	First Landing
JEN SOU S	Jenolan S	Lower Indian	MAR MAM B	Mammoth	Giant Shawls
JEN SOU T	Jenolan S	Ribbon Cave	MAR MAM C	Mammoth	Lighthouse
JEN SOU U	Jenolan S	Egyptian	MAR MAM D	Mammoth	Junction
JEN SOU W	Jenolan S	The Well	MAR MAM E	Mammoth	Exit Grill
JEN SOU X	Jenolan S	Baal/Orient/Tunnel Jcn	MAR MOO A	Moon	Climate Station
KAT CUT A	Cutta Cutta	Entrance Stair	MAR MOO B	Moon	Dig to Jewel Cave
KAT CUT B	Cutta Cutta	Pre constriction	MAR MOO C	Moon	Right N Lobe
KAT CUT C	Cutta Cutta	Post Constriction	MAR MOO D	Moon	Snow Flakes
KAT CUT D	Cutta Cutta	Last Platform	MAR MOO E	Moon	Pendulites
KAT CUT E	Cutta Cutta	Sump Passage	MAR MOO F	Moon	Off set Column
KAT TIN A	Tindall	Entrance Stairs	MAR YAL A	Yallingup	Office
KAT TIN B	Tindall	Constriction	MAR YAL B	Yallingup	Ampitheatre
KAT TIN C	Tindall	Main Passage	MAR YAL C	Yallingup	Cupids Corner
KAT TIN D	Tindall	Far Chamber	MAR YAL D	Yallingup	Below Main Chamber
KAT TIN E	Tindall	Ruined castle	MAR YAL E	Yallingup	River Bed
KAT TIN F	Tindall	Off Short Chamber	MAR YAL F	Yallingup	Rockfall Chamber
KEL HIL A	Kelly Hill,		MAR YAL G	Yallingup	Sand Flats
KEL HIL B	Kelly Hill,		MAR YAL H	Yallingup	Pot Belly
KEL HIL C	Kelly Hill	New Chamber	MAR YAL I	Yallingup	Fairies Cave
KEL HIL D	Kelly Hill	Waxworks	MAR YAL J	Yallingup	Guide Station Main Chamber
KEL HIL E	Kelly Hill	Halfway Point	MAR YAL K	Yallingup	Bride & Groom
KEL HIL F	Kelly Hill	The Silts	MAR YAL L	Yallingup	Sub D Crawl
KEL K09 A	Mount Taylor	Lights Out	MOL KIN A	King Solomons Cave	SwB 2
KEL MTT A	K9	Rhino Horn	MOL KIN B	King Solomons Cave	SwB 3
MAR JEW A	Jewel	Organ Pipes	MOL KIN C	King Solomons Cave	SwB 5
MAR JEW B	Jewel	The Narrows	MOL KIN D	King Solomons Cave	SwB 6

Site Code	Cave Name	Site Description	Site Code	Cave Name	Site Description
MOL KIN E	King Solomons Cave	SwB 7	ROC JOH C	Johnasens	Chamber after First Crawl
MOL KIN F	King Solomons Cave	SwB 9	ROC JOH D	Johnasens	A-Junction
MOL MAR A	Marakooa	Zambeze Falls	ROC OLS A	Cammoo	Harp (Plan 8)
MOL MAR B	Marakooa	Pink and White Terraces	ROC OLS B	Cammoo	Camel (Plan 6)
MOL MAR C	Marakooa	Railway Tunnel	ROC OLS C	Cammoo	Cathedral (plan 3)
MOL MAR D	Marakooa	The Gardens	ROC OLS D	Cammoo	Court House (Plan 14)
MOL MAR E	Marakooa	Palm Tree	ROC OLS E	Cammoo	Deep Vault (Plan 11)
MOL MAR F	Marakooa	Great Cathedral	TAN TAN A	Tantanoola	Reflection Pool
NAR ALE A	Alexandra	First Switchboard	TAN TAN B	Tantanoola	First Switchboard
NAR ALE B	Alexandra	The Straws	TAN TAN C	Tantanoola	Grotto near Shells
NAR ALE C	Alexandra	Wedding Cake	UND ARC A	Undara Lava Tube	End of Ewamin
NAR ALE D	Alexandra	Butchers Shop	UND ARC B	Undara Lava Tube	Archway
NAR ALE E	Alexandra	Exit Chamber	UND ARC C	Undara Lava Tube	Stevenson Entrance Sink/Throat
NAR ALE F	Alexandra	Guides Office	UND BAR A	Undara Lava Tube	Terminal Sump 850m from Entrance
NAR BLA A	Blanche	End/Third Chamber	UND BAR B	Undara Lava Tube	High CO2 750m from entrance
NAR BLA B	Blanche	Elephants Backside	UND BAR C	Undara Lava Tube	Night NE 650m from entrance
NAR BLA C	Blanche	Second Chamber	UND BAR D	Undara Lava Tube	Outside Construction
NAR BLA D	Blanche	First Chamber	UND BAR E	Undara Lava Tube	End of Four Tree Roots 550m
NAR VIC A	Victoria Fossil	Reddans Grotto	UND BAR F	Undara Lava Tube	Slumps
NAR VIC B	Victoria Fossil	Historical Offshoot	UND BAR G	Undara Lava Tube	Rock Pile
NAR VIC C	Victoria Fossil	Crystal Grotto	UND BAR H	Undara Lava Tube	Gothic Arch
NAR VIC D	Victoria Fossil	Maddocks Chamber	UND BAR I	Undara Lava Tube	Halfway Slump/Rockpile
NAR VIC E	Victoria Fossil	Fossil Chamber	UND BAR J	Undara Lava Tube	Gosses Stone
NAR VIC F	Victoria Fossil	Chess Chamber	UND BAR K	Undara Lava Tube	Entrance Alter
NAR WET A	Wet(Stick-Tomato)	End of Tour	UND ROA A	Undara Lava Tube	EW Passage
NAR WET B	Wet(Stick-Tomato)	Second Chamber	UND ROA B	Undara Lava Tube	Thermal Site
NEL PMR A	Princess M Rose	End of Cave	UND WIN A	Undara Lava Tube	Inner Dome
NEL PMR B	Princess M Rose	The Chandelier	UND WIN B	Undara Lava Tube	Wind Tunnel
NEL PMR C	Princess M Rose	Sparkling Mite	UND WIN C	Undara Lava Tube	Arch
NEL PMR D	Princess M Rose	Helectite	UND WIN D	Undara Lava Tube	Long Arch
NEL PMR E	Princess M Rose	Bone/ Stairs	WEE JAS A	Wee Jasper	Library
NEL PMR F	Princess M Rose	Downstream Extension	WEE JAS B	Wee Jasper	Signature Chamber
NEL PMR G	Princess M Rose	Office	WEE JAS C	Wee Jasper	Christmas Tree/Fairy
ROC CAM A	Cammoo	Bat cave (Audio #3)	WEE JAS D	Wee Jasper	Gastropod Chamber
ROC CAM B	Cammoo	Jades Beashell (Audio #5)	WEE JAS E	Wee Jasper	Sinkhole
ROC JOH A	Johnasens	Rhino Lower Offshoot	WEE JAS F	Wee Jasper	Enterprise
ROC JOH B	Johnasens	Rhino	WEE JAS G	Wee Jasper	The Stage

Site Code	Cave Name	Site Description	Site Code	Cave Name	Site Description
WEE JAS H	Wee Jasper	Golden Wall	YAR CAS E	Castle	Trig Chamber
WEL CAT A	Cathedral	Bottom of First Stairs	YAR CAS F	Castle	Dig Chamber
WEL CAT B	Cathedral	Entrance to Cathedral	YAR HAR A	Harry Wood	Halfway Stair, R7690
WEL CAT C	Cathedral	By Altar	YAR HAR B	Harry Wood	Calcified Netting, R7664
WEL CAT D	Cathedral	Fantasy Chamber	YAR HAR C	Harry Wood	Bottom Chamber, R7687
WEL CAT E	Cathedral	Thunder Chamber	YAR JER A	Jersey	Switchboard 1
WEL GAD A	Gaden	Coral chamber	YAR JER B	Jersey	Top End Chamber
WEL GAD B	Gaden	Pixies Dell	YAR JER C	Jersey	End Platform
WEL GAD C	Gaden	Entrance Jcn	YAR JER D	Jersey	Switchboard by low bit
WOM FIG A	FigTree	Opera Stage	YAR JER E	Jersey	Inner Platform, Stal Tunnel
WOM JUN A	Junction	Ante Chamber	YAR JER F	Jersey	Entrance Stairs
WOM JUN B	Junction	Junction Chamber	YAR JIL A	Jillabanean	End Platform
WOM JUN C	Junction	Grand Column	YAR JIL B	Jillabanean	Left hand End Alcove
WOM JUN D	Junction	Creek Stop	YAR JIL C	Jillabanean	Vertically cut mite
WOM KOR A	Kooringa	Switchboard	YAR NGL A	North Glory	First Platform R7668
WOM WOL A	Wollondily	Chalkers Retreat	YAR NGL B	North Glory	Smugglers Passge R7663
WOM WOL B	Wollondily	First Landing	YAR NGL C	North Glory	End LH Passage R7689
WOM WOL C	Wollondily	Mirandas	YAR NGL D	North Glory	High Platform RH Passage R7673
WOM WOL D	Wollondily	Star Chamber	YAR NGL E	North Glory	End RH Passge R7673
WOM WOL E	Wollondily	Top of Cathedral	YAR NGL F	North Glory	Upper Stream Passage
WOM WOL F	Wollondily	Lots Wife	YAR NGL G	North Glory	Bottom of Rockpile
WOM WOL G	Wollondily	End of Trench	YAR NGL H	North Glory	Gate
WOM WOL H	Wollondily	Paddy Fields	YAR SGL A	South Glory	Grand Dome
WOM WOL I	Wollondily	Revenue Corner	YAR SGL B	South Glory	Top Landing
WOM WOL J	Wollondily	Frozen Cascades	YAR SGL C	South Glory	End of Loop, Main Chamber
WOM WOL K	Wollondily	Bats Retreat	YAR SGL D	South Glory	Second Platform from Lower Entrance
WOM WOM A	Office	Guides Office	YAR SGL E	South Glory	Ice Age
YAN CAB A	Yanchep	Stage			
YAN YAN A	Yanchep	Jewel City			
YAN YAN B	Yanchep	Pantheon			
YAN YAN C	Yanchep	King Kong			
YAN YAN D	Yanchep	Junction			
YAN YAN E	Yanchep	Entrance Chamber			
YAR CAS A	Castle	Wire Netting Stairs R7683			
YAR CAS B	Castle	Top RH Passage R7666			
YAR CAS C	Castle	Inner End, Lower RH Fork R7686			
YAR CAS D	Castle	Inner End, Lower LH Fork			

**OCCUPATIONAL EXPOSURE TO RADON IN AUSTRALIAN TOURIST CAVES**

**AN AUSTRALIA-WIDE STUDY OF RADON LEVELS**

**APPENDIX IV**

**SITE CODES AND TIME FRACTIONS FOR CAVE TOURS**

Location <b>Abercombie</b> Tour Name <b>Maintainance</b>				Location <b>Buchan</b> Tour Name <b>Fairy</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Maintenance	ABE ARC A	1	10.00	Fairy	BUC FAI A	1	5.00
Maintenance	ABE ARC B	2	10.00	Fairy	BUC FAI B	2	5.00
Maintenance	ABE BUS A	3	10.00	Fairy	BUC FAI C	3	15.00
Maintenance	ABE BUS B	4	10.00	Fairy	BUC FAI D	4	10.00
Maintenance	ABE BUS C	5	10.00	Fairy	BUC FAI E	5	10.00
Maintenance	ABE GRO A	6	5.00	Fairy	BUC FAI F	6	5.00
Maintenance	ABE KIN A	7	5.00	Fairy	BUC FAI G	7	10.00
				Fairy	BUC FAI H	8	30.00
Location <b>Abercrombie</b> Tour Name <b>Arch</b>				Location <b>Buchan</b> Tour Name <b>Maintainance</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Arch	ABE ARC A	1	30.00	Maintenance	BUC FAI A 1		5.00
Arch	ABE ARC B	2	30.00	Maintenance	BUC FAI B2		5.00
				Maintenance	BUC FAI C3		5.00
Location <b>Abercrombie</b> Tour Name <b>Bush Ranger</b>				Maintenance	BUC FAI D	4	5.00
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	Maintenance	BUC FAI E	5	5.00
Bush Ranger	ABE BUS A	1	20.00	Maintenance	BUC FAI F	6	5.00
Bush Ranger	ABE BUS B	2	20.00	Maintenance	BUC FAI G	7	5.00
Bush Ranger	ABE BUS C	3	20.00	Maintenance	BUC FAI H	8	5.00
Location <b>Abercrombie</b> Tour Name <b>Grove</b>				Maintenance	BUC ROY A	9	5.00
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	Maintenance	BUC ROY B	10	5.00
Grove	ABE GRO A	1	30.00	Maintenance	BUC ROY C	11	5.00
Location <b>Abercrombie</b> Tour Name <b>King Solomons</b>				Maintenance	BUC ROY D	12	5.00
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	Maintenance	BUC ROY E	13	5.00
King Solomons	ABE ARC A	1	10.00	Maintenance	BUC ROY F	14	5.00
King Solomons	ABE ARC B	2	10.00	Location <b>Buchan</b> Tour Name <b>Royal</b>			
King Solomons	ABE KIN A	3	10.00	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
				The Royal	BUC ROY A	1	5.00
				The Royal	BUC ROY B	2	5.00
				The Royal	BUC ROY C	3	10.00
				The Royal	BUC ROY D	4	10.00
				The Royal	BUC ROY E	5	5.00
				The Royal	BUC ROY F	6	15.00

Location <b>Chillagoe</b> Tour Name <b>Donna</b>				Location <b>Gunns Plains</b> Tour Name <b>Gunns Plains</b>			
Cave Name	Site Code	Sequence	Time	Cave Name	Site Code	Sequence	Time
Donna	CHI DON A	1	20.00	Gunns Plains	GUN GUN A	1	5.00
Donna	CHI DON B	2	15.00	Gunns Plains	GUN GUN B	2	5.00
Donna	CHI DON C	3	15.00	Gunns Plains	GUN GUN C	3	10.00
Location <b>Chillagoe</b> Tour Name <b>Maintainance</b>				Location <b>Gunns Plains</b> Tour Name <b>Gunns Plains</b>			
Cave Name	Site Code	Sequence	Time	Cave Name	Site Code	Sequence	Time
Maintainance	CHI DON A	1	10.00	Gunns Plains	GUN GUN D	4	10.00
Maintainance	CHI DON B	2	10.00	Gunns Plains	GUN GUN E	5	5.00
Maintainance	CHI DON C	3	10.00	Gunns Plains	GUN GUN F	6	10.00
Maintainance	CHI ROY A	4	10.00	Gunns Plains	GUN GUN G	7	5.00
Maintainance	CHI ROY B	5	10.00	Gunns Plains	GUN GUN H	8	10.00
Maintainance	CHI ROY C	6	10.00				
Maintainance	CHI TEA B	7	10.00	Location <b>Hastings</b> Tour Name <b>Newdegate</b>			
Maintainance	CHI TEA A	8	10.00	Cave Name	Site Code	Sequence	Time
Maintainance	CHI TRE A	9	10.00	Newdegate	HAS NEW A	1	5.00
Location <b>Chillagoe</b> Tour Name <b>Royal</b>				Newdegate	HAS NEW B	2	5.00
Cave Name	Site Code	Sequence	Time	Newdegate	HAS NEW C	3	5.00
Royal	CHI ROY A	1	35.00	Newdegate	HAS NEW D	4	5.00
Royal	CHI ROY B	2	15.00	Newdegate	HAS NEW E	5	5.00
Royal	CHI ROY C	3	30.00	Newdegate	HAS NEW F	6	5.00
				Newdegate	HAS NEW G	7	5.00
				Newdegate	HAS NEW H	8	5.00
Location <b>Chillagoe</b> Tour Name <b>Trezkin</b>				Location <b>Murrindal</b> Tour Name <b>Shades of death</b>			
Cave Name	Site Code	Sequence	Time	Cave Name	Site Code	Sequence	Time
Treisau	CHI TRE A	1	30.00	Shades of Death	BUC SHA A	1	
				Shades of Death	BUC SHA B	2	
				Shades of Death	BUC SHA C	3	
				Shades of Death	BUC SHS D	4	
				Shades of Death	BUC SHA E	5	
				Shades of Death	BUC SHA F	6	

Location <b>Jenolan</b> Tour Name <b>Baal</b>				Location <b>Jenolan</b> Tour Name <b>Lucas</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Jenolan S	JEN SOU X	1	10.00	Jenolan S	JEN SOU A	1	10.00
Jenolan S	JEN SOU M	2	15.00	Jenolan S	JEN SOU E	2	10.00
Jenolan S	JEN SOU N	3	65.00	Jenolan S	JEN SOU B	3	25.00
Location <b>Jenolan</b> Tour Name <b>Cerebus</b>				Location <b>Jenolan</b> Tour Name <b>Maintainance</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Jenolan S	JEN SOU E	1	15.00	Maintainance	JEN SOU A	1	
Jenolan S	JEN SOU D	2	25.00	Location <b>Jenolan</b> Tour Name <b>Orient</b>			
Jenolan S	JEN SOU H	3	45.00	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Jenolan S	JEN SOU F	4	5.00	Jenolan S	JEN SOU X	1	10.00
Location <b>Jenolan</b> Tour Name <b>Extended Baal</b>				Jenolan S	JEN SOU S	2	40.00
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	Jenolan S	JEN SOU U	3	25.00
Jenolan S	JEN SOU X	1	10.00	Jenolan S	JEN SOU W	4	15.00
Jenolan S	JEN SOU M	2	15.00	Location <b>Jenolan</b> Tour Name <b>Ribbon</b>			
Jenolan S	JEN SOU N	3	65.00	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Jenolan S	JEN SOU Q	4	5.00	Jenolan S	JEN SOU X	1	10.00
Jenolan S	JEN SOU J	5	5.00	Jenolan S	JEN SOU S	2	20.00
Jenolan S	JEN SOU I	6	5.00	Jenolan S	JEN SOU U	3	10.00
Jenolan S	JEN SOU F	7	5.00	Jenolan S	JEN SOU T	4	40.00
Jenolan S	JEN SOU D	8	5.00	Jenolan S	JEN SOU Q	5	10.00
Jenolan S	JEN SOU E	9	5.00	Location <b>Jenolan</b> Tour Name <b>River</b>			
Location <b>Jenolan</b> Tour Name <b>Extended Orient</b>				<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	Jenolan S	JEN SOU E	1	20.00
Jenolan S	JEN SOU X	1	10.00	Jenolan S	JEN SOU D	2	15.00
Jenolan S	JEN SOU S	2	40.00	Jenolan S	JEN SOU F	3	10.00
Jenolan S	JEN SOU U	3	25.00	Jenolan S	JEN SOU I	4	20.00
Jenolan S	JEN SOU W	4	15.00	Jenolan S	JEN SOU J	5	10.00
Jenolan S	JEN SOU Q	5	5.00	Jenolan S	JEN SOU K	6	10.00
Jenolan S	JEN SOU J	6	5.00	Jenolan S	JEN SOU L	7	10.00
Jenolan S	JEN SOU I	7	5.00	Jenolan S	JEN SOU G	8	5.00
Jenolan S	JEN SOU F	8	5.00	Jenolan S	JEN SOU R	9	10.00
Jenolan S	JEN SOU D	9	5.00	Jenolan S	JEN SOU P	10	5.00
Jenolan S	JEN SOU E	10	5.00	Jenolan S	JEN SOU Q	11	5.00

Location <b>Jenolan</b> Tour Name <b>Imperial</b>				Location <b>Katherine</b> Tour Name <b>Cutta Cutta</b>			
Cave Name	Site Code	Sequence	Time	Cave Name	Site Code	Sequence	Time
Jenolan Nth	JEN NTH A	1	5.00	Cutta Cutta	KAT CUT A	1	10.00
Jenolan Nth	JEN NTH C	2	15.00	Cutta Cutta	KAT CUT B	2	10.00
Jenolan Nth	JEN NTH D	3	20.00	Cutta Cutta	KAT CUT C	3	10.00
Jenolan Nth	JEN NTH E	4	10.00	Cutta Cutta	KAT CUT D	4	15.00
Jenolan Nth	JEN NTH F	5	20.00	Cutta Cutta	KAT CUT E	5	15.00
Jenolan Nth	JEN NTH G	6	10.00				
Jenolan Nth	JEN NTH B	7	10.00				
Location <b>Jenolan</b> Tour Name <b>Jersey</b>				Location <b>Katherine</b> Tour Name <b>Tindall</b>			
Cave Name	Site Code	Sequence	Time	Cave Name	Site Code	Sequence	Time
Jenolan Nth	JEN NTH A	1	10.00	Tindall	KAT TIN A	1	
Jenolan Nth	JEN NTH C	2	15.00	Tindall	KAT TIN B	2	
Jenolan Nth	JEN NTH M	3	65.00	Tindall	KAT TIN C	3	
				Tindall	KAT TIN D	4	
				Tindall	KAT TIN E	5	
				Tindall	KAT TIN F	6	
Location <b>Jenolan</b> Tour Name <b>Chifley</b>				Location <b>Kelly Hill</b> Tour Name <b>K9</b>			
Cave Name	Site Code	Sequence	Time	Cave Name	Site Code	Sequence	Time
Jenolan Nth	JEN NTH A	1	5.00	Mount Taylor	KEL K09 A	1	
Jenolan Nth	JEN NTH M	2	30.00				
Jenolan Nth	JEN NTH N	3	25.00				
Jenolan Nth	JEN NTH P	4	30.00				
Location <b>Jenolan</b> Tour Name <b>Jubilee</b>				Location <b>Kelly Hill</b> Tour Name <b>Kelly Hill</b>			
Cave Name	Site Code	Sequence	Time	Cave Name	Site Code	Sequence	Time
Jenolan Nth	JEN NTH A	1	5.00	Kelly Hill	KEL HIL A	1	
Jenolan Nth	JEN NTH C	2	5.00	Kelly Hill	KEL HIL B	2	
Jenolan Nth	JEN NTH D	3	15.00	Kelly Hill	KEL HIL C	3	
Jenolan Nth	JEN NTH I	4	15.00	Kelly Hill	KEL HIL D	4	
Jenolan Nth	JEN NTH H	5	15.00	Kelly Hill	KEL HIL E	5	
Jenolan Nth	JEN NTH L	6	20.00	Kelly Hill	KEL HIL F	6	
Jenolan Nth	JEN NTH J	7	5.00				
Jenolan Nth	JEN NTH G	8	10.00	Location <b>Kelly Hill</b> Tour Name <b>Mount Taylor</b>			
				Cave Name	Site Code	Sequence	Time
				K9	KEL MTT A	1	

Location <b>Margaret R</b> Tour Name <b>Jewel</b>				Location <b>Margaret R</b> Tour Name <b>Yallingup</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Jewel	MAR JEW A	1	10.00	Yallingup	MAR YAL A	1	150.00
Jewel	MAR JEW B	2	0.00	Yallingup	MAR YAL B	2	0.00
Jewel	MAR JEW C	3	0.00	Yallingup	MAR YAL C	3	0.00
Jewel	MAR JEW D	4	10.00	Yallingup	MAR YAL D	4	0.00
Jewel	MAR JEW E	5	10.00	Yallingup	MAR YAL E	5	0.00
Jewel	MAR JEW F	6	10.00	Yallingup	MAR YAL F	6	0.00
Jewel	MAR JEW G	7	10.00	Yallingup	MAR YAL G	7	150.00
Jewel	MAR JEW H	8	10.00	Yallingup	MAR YAL H	8	
Jewel	MAR JEW I	9	10.00	Yallingup	MAR YAL I	9	
				Yallingup	MAR YAL J	10	
				Yallingup	MAR YAL K	11	
				Yallingup	MAR YAL L	12	
Location <b>Margaret R</b> Tour Name <b>Lake Cave</b>				Location <b>Mole Creek</b> Tour Name <b>King Solomons</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Lake Cave	MAR LAK A	1	20.00	King Solomon's Cave	MOLKIN A	1	10.00
Lake Cave	MAR LAK B	2	20.00	King Solomon's Cave	MOLKIN B	2	10.00
Lake Cave	MAR LAK C	3	20.00	King Solomon's Cave	MOLKIN C	3	10.00
				King Solomon's Cave	MOLKIN D	4	10.00
				King Solomon's Cave	MOLKIN E	5	10.00
				King Solomon's Cave	MOLKIN F	6	10.00
Location <b>Margaret R</b> Tour Name <b>Mammoth</b>				Location <b>Mole Creek</b> Tour Name <b>Marakoopa</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Mammoth	MAR MAM A	1	15.00	Marakoopa	MOL MAR A	1	10.00
Mammoth	MAR MAM B	2	15.00	Marakoopa	MOL MAR B	2	10.00
Mammoth	MAR MAM C	3	10.00	Marakoopa	MOL MAR C	3	10.00
Mammoth	MAR MAM D	4	10.00	Marakoopa	MOL MAR D	4	10.00
Mammoth	MAR MAM E	5	10.00	Marakoopa	MOL MAR E	5	10.00
				Marakoopa	MOL MAR F	6	10.00
Location <b>Margaret R</b> Tour Name <b>Moon</b>							
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>				
Moon	MAR MOO A	1	20.00				
Moon	MAR MOO B	2	20.00				
Moon	MAR MOO C	3	20.00				
Moon	MAR MOO D	4	20.00				
Moon	MAR MOO E	5	20.00				
Moon	MAR MOO F	6	20.00				

Location <b>Naracoorte</b> Tour Name <b>Alexandra</b>				Location <b>Murrindal</b> Tour Name <b>Shades of Death</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Alexandra	NAR ALE A	1	8.00	Shades of Death	BUC SHA A	1	
Alexandra	NAR ALE B	2	8.00	Shades of Death	BUC SHA B	2	
Alexandra	NAR ALE C	3	8.00	Shades of Death	BUC SHA C	3	
Alexandra	NAR ALE D	4	8.00	Shades of Death	BUC SHA D	4	
Alexandra	NAR ALE E	5	8.00	Shades of Death	BUC SHA E	5	
Alexandra	NAR ALE F	6	8.00	Shades of Death	BUC SHA F	6	
Location <b>Naracoorte</b> Tour Name <b>Blanche</b>				Location <b>Nelson</b> Tour Name <b>Princess M Rose</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Blanche	NAR BLA A	1	10.00	Princess M Rose	NEL PMR A	1	10.00
Blanche	NAR BLA B	2	10.00	Princess M Rose	NEL PMR B	2	5.00
Blanche	NAR BLA C	3	10.00	Princess M Rose	NEL PMR C	3	5.00
Blanche	NAR BLA D	4	10.00	Princess M Rose	NEL PMR D	4	5.00
				Princess M Rose	NEL PMR E	5	5.00
				Princess M Rose	NEL PMR F	6	5.00
				Princess M Rose	NEL PMR G	7	0.00
Location <b>Naracoorte</b> Tour Name <b>Victoria Fossil</b>				Location <b>Nelson</b> Tour Name <b>Princess M Rose</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Show Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Victoria Fossil	NAR VIC A	1	5.00	Princess M Rose	NEL PMR A	1	0.00
Victoria Fossil	NAR VIC B	2	5.00	Princess M Rose	NEL PMR B	2	10.00
Victoria Fossil	NAR VIC C	3	5.00	Princess M Rose	NEL PMR C	3	10.00
Victoria Fossil	NAR VIC D	4	10.00	Princess M Rose	NEL PMR D	4	5.00
Victoria Fossil	NAR VIC E	5	25.00	Princess M Rose	NEL PMR E	5	5.00
Victoria Fossil	NAR VIC F	6	5.00	Princess M Rose	NEL PMR F	6	5.00
Location <b>Naracoorte</b> Tour Name <b>Wet(Stick-Tomato)</b>							
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>				
Wet(Stick-Tomato)	NAR WET A	1	30.00				
Wet(Stick-Tomato )	NAR WET B	2	30.00				

Location <b>Rockhampton</b> Tour Name <b>Cammo Adventure</b>				Location <b>Undara</b> Tour Name <b>Arch</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Cammo	ROC OLS A	1	15.00	Undara Lava Tube	UND ARC A	1	20.00
Cammo	ROC OLS B	2	15.00	Undara Lava Tube	UND ARC B	2	30.00
Cammo	ROC OLS C	3	40.00	Undara Lava Tube	UND ARC C	3	40.00
Cammo	ROC OLS D	4	40.00				
Location <b>Rockhampton</b> Tour Name <b>Cammo</b>				Location <b>Undara</b> Tour Name <b>Barker</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Cammo	ROC CAM A	1	30.00	Undara Lava Tube	UND BAR A	1	0.00
Cammo	ROC CAM B	2	30.00	Undara Lava Tube	UND BAR B	2	0.00
Location <b>Rockhampton</b> Tour Name <b>Deep Vault</b>				Undara Lava Tube	UND BAR C	3	0.00
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	Undara Lava Tube	UND BAR D	4	0.00
Cammo	ROC OLS E	1	40.00	Undara Lava Tube	UND BAR E	5	10.00
Location <b>Rockhampton</b> Tour Name <b>Johnasens</b>				Undara Lava Tube	UND BAR F	6	10.00
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	Undara Lava Tube	UND BAR G	7	10.00
Johnasens	ROC JOH A	1	15.00	Undara Lava Tube	UND BAR H	8	10.00
Johnasens	ROC JOH B	2	15.00	Undara Lava Tube	UND BAR I	9	10.00
Johnasens	ROC JOH C	3	15.00	Undara Lava Tube	UND BAR J	10	10.00
Johnasens	ROC JOH D	4	15.00	Undara Lava Tube	UND BAR K	11	10.00
Location <b>Rockhampton</b> Tour Name <b>Olsens</b>				Location <b>Undara</b> Tour Name <b>Road</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Cammo	ROC OLS A	1	20.00	Undara Lava Tube	UND ROA A	1	25.00
Cammo	ROC OLS B	2	20.00	Undara Lava Tube	UND ROA B	2	50.00
Cammo	ROC OLS C	3	20.00				
Location <b>Tantanoola</b> Tour Name <b>Tantanoola</b>				Location <b>Undara</b> Tour Name <b>Wind Tunnel</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Tantanoola	TAN TAN A	1	20.00	Undara Lava Tube	UND WIN A	1	0.00
Tantanoola	TAN TAN B	2	5.00	Undara Lava Tube	UND WIN B	2	40.00
Tantanoola	TAN TAN C	3	0.00	Undara Lava Tube	UND WIN C	3	40.00
				Undara Lava Tube	UND WIN D	4	0.00

Location <b>Wee Jasper</b> Tour Name <b>Signature</b>				Location <b>Wombeyan</b> Tour Name <b>FigTree</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Wee Jasper	WEE JAS A	1	10.00	FigTree	WOM FIG A	1	60.00
Wee Jasper	WEE JAS B	2	10.00				
Wee Jasper	WEE JAS C	3	5.00				
Wee Jasper	WEE JAS D	4	5.00				
Wee Jasper	WEE JAS E	5	5.00				
Location <b>Wee Jasper</b> Tour Name <b>Wee Jasper</b>				Location <b>Wombeyan</b> Tour Name <b>Historical</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Wee Jasper	WEE JAS A	1	10.00	Wollondily	WOM WOL A	1	10.00
Wee Jasper	WEE JAS B	2	10.00	Wollondily	WOM WOL B	2	30.00
Wee Jasper	WEE JAS C	3	5.00	Wollondily	WOM WOL C	3	10.00
Wee Jasper	WEE JAS D	4	5.00	Wollondily	WOM WOL D	4	20.00
Wee Jasper	WEE JAS E	5	5.00	Wollondily	WOM WOL E	5	20.00
Wee Jasper	WEE JAS F	6		Wollondily	WOM WOL F	6	10.00
Wee Jasper	WEE JAS G	7	15.00	Wollondily	WOM WOL G	7	20.00
Wee Jasper	WEE JAS H	8	10.00	Wollondily	WOM WOL H	8	10.00
				Wollondily	WOM WOL I	9	10.00
				Wollondily	WOM WOL J	10	10.00
				Wollondily	WOM WOL K	11	10.00
Location <b>Wellington</b> Tour Name <b>Cathedral</b>				Location <b>Wombeyan</b> Tour Name <b>Junction</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Cathedral	WEL CAT A	1	10.00	Junction	WOM JUN A	1	25.00
Cathedral	WEL CAT B	2	10.00	Junction	WOM JUN B	2	25.00
Cathedral	WEL CAT C	3	10.00	Junction	WOM JUN C	3	25.00
Cathedral	WEL CAT D	4	10.00	Junction	WOM JUN D	4	15.00
Cathedral	WEL CAT E	5	10.00				
Location <b>Wellington</b> Tour Name <b>Gaden</b>				Location <b>Wombeyan</b> Tour Name <b>Kooringa</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Gaden	WEL GAD A	1	15.00	Kooringa	WOM KOR A	1	45.00
Gaden	WEL GAD B	2	15.00				
Gaden	WEL GAD C	3	15.00				

Location <b>Wombeyan</b> Tour Name <b>Mulwaree</b>				Location <b>Yarrangobilly</b> Tour Name <b>Castle</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Wollondily	WOM WOL A	1	35.00	Castle	YAR CAS A	1	1.00
Wollondily	WOM WOL B	2	10.00	Castle	YAR CAS B	2	10.00
Location <b>Wombeyan</b> Tour Name <b>Office</b>				Location <b>Yarrangobilly</b> Tour Name <b>Harry Wood</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Office	WOM WOM A	1	60.00	Harry Wood	YAR HAR A	1	20.00
Location <b>Wombeyan</b> Tour Name <b>Wollondily</b>				Location <b>Yarrangobilly</b> Tour Name <b>Jersey</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Wollondily	WOM WOL A	1	10.00	Jersey	YAR JER A	1	10.00
Wollondily	WOM WOL B	2	0.00	Jersey	YAR JER B	2	10.00
Wollondily	WOM WOL C	3	10.00	Jersey	YAR JER C	3	10.00
Wollondily	WOM WOL D	4	10.00	Jersey	YAR JER D	4	10.00
Wollondily	WOM WOL E	5	0.00	Jersey	YAR JER E	5	10.00
Wollondily	WOM WOL F	6	10.00	Jersey	YAR JER F	6	10.00
Wollondily	WOM WOL G	7	10.00	Location <b>Yarrangobilly</b> Tour Name <b>Jillabanean</b>			
Wollondily	WOM WOL H	8	10.00	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Wollondily	WOM WOL I	9	10.00	Jillabanean	YAR JIL A	1	20.00
Wollondily	WOM WOL J	10	10.00	Jillabanean	YAR JIL B	2	10.00
Wollondily	WOM WOL K	11	10.00	Jillabanean	YAR JIL C	3	20.00
Location <b>Yanchep</b> Tour Name <b>Caberet</b>				Location <b>Yarrangobilly</b> Tour Name <b>Jillabanean</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Yanchep	YAN CAB A	1	60.00	Jillabanean	YAR JIL A	1	20.00
Location <b>Yanchep</b> Tour Name <b>Crystal</b>				Location <b>Yarrangobilly</b> Tour Name <b>Jillabanean</b>			
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>	<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
Yanchep	YAN YAN A	1	10.00	Jillabanean	YAR JIL B	2	10.00
Yanchep	YAN YAN B	2	5.00	Jillabanean	YAR JIL C	3	20.00
Yanchep	YAN YAN C	3	5.00				
Yanchep	YAN YAN D	4	5.00				
Yanchep	YAN YAN E	5	5.00				

Location <b>Yarrangobilly</b>		Tour Name <b>North Glory</b>	
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
North Glory	YAR NGL A	1	20.00
North Glory	YAR NGL B	2	10.00
North Glory	YAR NGL C	3	15.00
North Glory	YAR NGL D	4	15.00
North Glory	YAR NGL E	5	10.00
North Glory	YAR NGL F	6	10.00
North Glory	YAR NGL G	7	10.00
North Glory	YAR NGL H	8	10.00

  

Location <b>Yarrangobilly</b>		Tour Name <b>South Glory</b>	
<b>Cave Name</b>	<b>Site Code</b>	<b>Sequence</b>	<b>Time</b>
South Glory	YAR SGL A	1	15.00
South Glory	YAR SGL B	2	15.00
South Glory	YAR SGL C	3	10.00
South Glory	YAR SGL D	4	10.00
South Glory	YAR SGL E	5	10.00

**OCCUPATIONAL EXPOSURE TO RADON IN AUSTRALIAN TOURIST CAVES**

**AN AUSTRALIA-WIDE STUDY OF RADON LEVELS**

**APPENDIX V**

**TOUR GUIDE WORK HOURS**

APPENDIX V : Tour Guide Work Hours by Cave Tour and Season

<b>Tour Code      ABE MAINTENANCE      Location Abercrombie</b>						<b>Tour Code      BUC FAIRY      Location Buchan</b>					
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
ABE 1	21.00	11.00	15.00	20.00	67.00	BUC 1	167.00	77.00	94.00	100.00	438.00
ABE 2	9.00	10.00	15.00	14.00	48.00	BUC 2	116.00	116.00	256.00	98.00	586.00
ABE 3	3.00	8.00	3.00	15.00	29.00	BUC 3	111.00	117.00	99.00	77.00	404.00
ABE 4	0.00	0.00	0.00	0.00	0.00	BUC 4	125.00	62.00	105.00	86.00	378.00
<b>Tour Code      ABE OTHER      Location Abercrombie</b>						<b>Tour Code      BUC ROYAL      Location Buchan</b>					
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
ABE 1	0.00	2.00	6.00	0.00	8.00	BUC 1	167.00	77.00	94.00	100.00	438.00
ABE 2	2.00	4.00	8.00	4.00	18.00	BUC 2	116.00	116.00	256.00	98.00	586.00
ABE 3	0.00	4.00	2.00	2.00	8.00	BUC 3	111.00	117.00	99.00	77.00	404.00
ABE 4	0.00	0.00	0.00	0.00	0.00	BUC 4	125.00	62.00	105.00	86.00	378.00
<b>Tour Code      ABE BUSHRANGERS      Location Abercrombie</b>											
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>						
ABE 1	18.00	20.00	21.00	15.00	74.00						
ABE 2	19.00	25.00	20.00	17.00	81.00						
ABE 3	9.00	19.00	23.00	29.00	80.00						
ABE 4	2.00	0.00	2.00	0.00	4.00						
<b>Tour Code      ABE GROVE      Location Abercrombie</b>											
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>						
ABE 1	1.00	1.00	7.00	4.00	13.00						
ABE 2	4.00	5.00	8.00	8.00	25.00						
ABE 3	3.00	2.00	8.00	2.00	15.00						
ABE 4	0.00	0.00	0.00	0.00	0.00						
<b>Tour Code      ABE KINGSOLOMONSTEMPLE      Location Abercrombie</b>											
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>						
ABE 1	12.00	17.00	18.00	18.00	65.00						
ABE 2	16.00	18.00	36.00	24.00	94.00						
ABE 3	7.00	13.00	18.00	18.00	56.00						
ABE 4	10.00	5.00	4.00	0.00	19.00						

<b>Tour Code CHI DONNA</b>						<b>Tour Code CHI TREISAU</b>					
<b>Location Chillagoe</b>						<b>Location Chillagoe</b>					
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
CHI 1	17.00	17.00	17.00	17.00	68.00	CHI 1	17.00	17.00	17.00	17.00	68.00
CHI 2	20.00	20.00	20.00	20.00	80.00	CHI 2	20.00	20.00	20.00	20.00	80.00
CHI 3	15.00	15.00	15.00	15.00	60.00	CHI 3	15.00	15.00	15.00	15.00	60.00
CHI 4	12.00	12.00	12.00	12.00	48.00	CHI 4	12.00	12.00	12.00	12.00	48.00
CHI 5	3.50	3.50	3.50	3.50	14.00	CHI 5	3.50	3.50	3.50	3.50	14.00
CHI 6	1.50	1.50	1.50	0.50	5.00	CHI 6	1.50	1.50	1.50	1.50	6.00

  

<b>Tour Code CHI ROYAL</b>						<b>Tour Code GUN GUNNSPLAINS</b>					
<b>Location Chillagoe</b>						<b>Location Gunns Plains</b>					
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
CHI 1	17.00	17.00	17.00	17.00	68.00	NO DATA PROVIDED					
CHI 2	20.00	20.00	20.00	20.00	80.00	NO DATA PROVIDED					
CHI 3	15.00	15.00	15.00	15.00	60.00	NO DATA PROVIDED					
CHI 4	12.00	12.00	12.00	12.00	48.00	NO DATA PROVIDED					
CHI 5	3.50	3.50	3.50	3.50	14.00	NO DATA PROVIDED					
CHI 6	1.50	1.50	1.50	1.50	6.00	NO DATA PROVIDED					

  

<b>Tour Code CHI TEATREE</b>						<b>Tour Code GUN OFFICE</b>					
<b>Location Chillagoe</b>						<b>Location Gunns Plains</b>					
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
CHI 1	17.00	17.00	17.00	17.00	68.00	NO DATA PROVIDED					
CHI 2	20.00	20.00	20.00	20.00	80.00	NO DATA PROVIDED					
CHI 3	15.00	15.00	15.00	15.00	60.00	NO DATA PROVIDED					
CHI 4	12.00	12.00	12.00	12.00	48.00	NO DATA PROVIDED					
CHI 5	3.50	3.50	3.50	3.50	14.00	NO DATA PROVIDED					
CHI 6	1.50	1.50	1.50	1.50	6.00	NO DATA PROVIDED					

  

<b>Tour Code CHI TEATREESCI</b>						<b>Tour Code HAS NEWDEGATE</b>					
<b>Location Chillagoe</b>						<b>Location Hastings</b>					
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
CHI 1	0.00	0.00	0.00	0.00	0.00	HAS 1	180.00	178.00	114.00	97.00	569.00
CHI 2	0.00	0.00	0.00	0.00	0.00	HAS 2	90.00	104.00	143.00	90.00	427.00
CHI 3	0.00	0.00	0.00	0.00	0.00	HAS 3	0.00	0.00	114.00	37.00	151.00
CHI 4	0.00	0.00	0.00	0.00	0.00	HAS 4	15.00	43.00	141.00	121.00	320.00
CHI 5	0.00	0.00	0.00	0.00	0.00	HAS 5	0.00	10.00	144.00	113.00	267.00
CHI 6	0.00	0.00	0.00	0.00	0.00	HAS 6	0.00	0.00	103.00	27.00	130.00
						HAS 7	0.00	0.00	89.00	13.00	102.00

<b>Tour Code JEN BAAL Location Jenolan</b>						<b>Tour Code JEN CHIFLEY Location Jenolan</b>					
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
JEN 1	0.00	0.00	0.00	0.00	0.00	JEN 1	0.00	0.00	0.00	24.00	24.00
JEN 2	3.00	1.50	6.00	0.00	10.50	JEN 2	28.50	6.00	25.50	10.50	70.50
JEN 3	7.50	4.50	0.00	10.50	22.50	JEN 3	21.00	12.00	0.00	16.50	49.50
JEN 4	9.00	12.00	15.00	9.00	45.00	JEN 4	19.50	24.00	30.00	10.50	84.00
JEN 5	19.50	4.50	12.00	21.00	57.00	JEN 5	28.50	27.00	22.50	33.00	111.00
JEN 6	6.00	0.00	0.00	6.00	12.00	JEN 6	4.50	4.50	0.00	6.00	15.00
JEN 7	31.50	30.00	25.50	13.50	100.50	JEN 7	40.50	45.00	52.50	43.50	181.50
JEN 8	0.00	0.00	0.00	0.00	0.00	JEN 8	0.00	0.00	0.00	0.00	0.00
JEN 9	0.00	0.00	0.00	0.00	0.00	JEN 9	0.00	0.00	0.00	0.00	0.00
JEN 10	10.50	12.00	15.00	12.00	49.50	JEN 10	46.50	34.50	25.50	19.50	126.00
JEN 11	13.50	16.50	25.50	16.50	72.00	JEN 11	39.00	36.00	48.00	43.50	166.50
JEN 12	28.50	19.50	16.50	1.50	66.00	JEN 12	37.50	54.00	40.50	1.50	133.50
JEN 13	10.50	10.50	1.50	7.50	30.00	JEN 13	24.00	25.50	7.50	13.50	70.50
JEN 14	12.00	19.50	15.00	0.00	46.50	JEN 14	19.50	37.50	33.00	0.00	90.00
JEN 15	21.00	13.50	28.50	7.50	70.50	JEN 15	48.00	46.50	52.50	37.50	184.50
<b>Tour Code JEN CEREBUS Location Jenolan</b>						<b>Tour Code JEN EXTBAALI Location Jenolan</b>					
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
JEN 1	0.00	0.00	0.00	4.50	4.50	JEN 1	0.00	0.00	0.00	0.00	0.00
JEN 2	0.00	1.50	7.50	0.00	9.00	JEN 2	2.00	0.00	0.00	0.00	2.00
JEN 3	0.00	1.50	0.00	0.00	1.50	JEN 3	0.00	4.00	0.00	6.00	10.00
JEN 4	6.00	3.00	3.00	1.50	13.50	JEN 4	2.00	0.00	2.00	0.00	4.00
JEN 5	12.00	3.00	4.50	1.50	21.00	JEN 5	8.00	2.00	2.00	2.00	14.00
JEN 6	1.50	1.50	0.00	1.50	4.50	JEN 6	2.00	2.00	0.00	2.00	6.00
JEN 7	9.00	9.00	3.00	10.50	31.50	JEN 7	2.00	12.00	6.00	4.00	24.00
JEN 8	0.00	0.00	0.00	0.00	0.00	JEN 8	0.00	0.00	0.00	0.00	0.00
JEN 9	0.00	0.00	0.00	0.00	0.00	JEN 9	0.00	0.00	0.00	0.00	0.00
JEN 10	7.50	1.50	3.00	4.50	16.50	JEN 10	0.00	0.00	4.00	2.00	6.00
JEN 11	9.00	10.50	3.00	1.50	24.00	JEN 11	4.00	0.00	4.00	2.00	10.00
JEN 12	12.00	12.00	3.00	0.00	27.00	JEN 12	8.00	2.00	4.00	0.00	14.00
JEN 13	0.00	6.00	1.50	0.00	7.50	JEN 13	4.00	2.00	0.00	0.00	6.00
JEN 14	4.50	10.50	4.50	0.00	19.50	JEN 14	2.00	0.00	0.00	0.00	2.00
JEN 15	6.00	7.50	4.50	4.50	22.50	JEN 15	0.00	0.00	0.00	0.00	0.00

<b>JEN EXTORIENT</b>						<b>JEN JERSEY</b>					
Tour Code	Location Jenolan					Tour Code	Location Jenolan				
Guide ID	Winter (h)	Spring (h)	Summer (h)	Autumn (h)	Annual (h)	Guide ID	Winter (h)	Spring (h)	Summer (h)	Autumn (h)	Annual (h)
JEN 1	0.00	0.00	0.00	0.00	0.00	JEN 1	0.00	0.00	0.00	0.00	0.00
JEN 2	0.00	2.00	2.00	0.00	4.00	JEN 2	0.00	0.00	1.50	0.00	1.50
JEN 3	2.00	0.00	0.00	0.00	2.00	JEN 3	0.00	0.00	0.00	0.00	0.00
JEN 4	2.00	0.00	2.00	0.00	4.00	JEN 4	1.50	0.00	1.50	1.50	4.50
JEN 5	2.00	0.00	4.00	6.00	12.00	JEN 5	0.00	0.00	0.00	0.00	0.00
JEN 6	0.00	2.00	0.00	0.00	2.00	JEN 6	0.00	0.00	0.00	0.00	0.00
JEN 7	8.00	8.00	12.00	4.00	32.00	JEN 7	0.00	1.50	0.00	0.00	1.50
JEN 8	0.00	0.00	0.00	0.00	0.00	JEN 8	0.00	0.00	0.00	0.00	0.00
JEN 9	0.00	0.00	0.00	0.00	0.00	JEN 9	0.00	0.00	0.00	0.00	0.00
JEN 10	0.00	6.00	0.00	4.00	10.00	JEN 10	3.00	0.00	3.00	0.00	6.00
JEN 11	0.00	0.00	6.00	0.00	6.00	JEN 11	3.00	1.50	0.00	0.00	4.50
JEN 12	4.00	2.00	6.00	0.00	12.00	JEN 12	1.50	0.00	0.00	0.00	1.50
JEN 13	0.00	4.00	2.00	2.00	8.00	JEN 13	3.00	1.50	0.00	0.00	4.50
JEN 14	8.00	6.00	2.00	0.00	16.00	JEN 14	0.00	1.50	0.00	0.00	1.50
JEN 15	6.00	4.00	0.00	2.00	12.00	JEN 15	3.00	0.00	0.00	0.00	3.00

  

<b>JEN IMPERIAL</b>						<b>JEN JUBILEE</b>					
Tour Code	Location Jenolan					Tour Code	Location Jenolan				
Guide ID	Winter (h)	Spring (h)	Summer (h)	Autumn (h)	Annual (h)	Guide ID	Winter (h)	Spring (h)	Summer (h)	Autumn (h)	Annual (h)
JEN 1	0.00	0.00	0.00	28.50	28.50	JEN 1	0.00	0.00	0.00	0.00	0.00
JEN 2	18.00	10.50	24.00	10.50	63.00	JEN 2	2.00	0.00	6.00	2.00	10.00
JEN 3	21.00	10.50	0.00	31.50	63.00	JEN 3	2.00	2.00	0.00	8.00	12.00
JEN 4	25.50	13.50	24.00	16.50	79.50	JEN 4	2.00	0.00	4.00	2.00	8.00
JEN 5	49.50	34.50	24.00	49.50	157.50	JEN 5	2.00	2.00	2.00	4.00	10.00
JEN 6	3.00	4.50	0.00	7.50	15.00	JEN 6	2.00	0.00	0.00	2.00	4.00
JEN 7	84.00	84.00	57.00	54.00	279.00	JEN 7	10.00	14.00	12.00	10.00	46.00
JEN 8	0.00	0.00	0.00	0.00	0.00	JEN 8	0.00	0.00	0.00	0.00	0.00
JEN 9	0.00	0.00	0.00	0.00	0.00	JEN 9	0.00	0.00	0.00	0.00	0.00
JEN 10	46.50	31.50	16.50	18.00	112.50	JEN 10	4.00	6.00	12.00	6.00	28.00
JEN 11	52.50	31.50	49.50	31.50	165.00	JEN 11	8.00	6.00	4.00	6.00	24.00
JEN 12	43.50	52.50	55.50	6.00	157.50	JEN 12	14.00	10.00	10.00	0.00	34.00
JEN 13	24.00	39.00	9.00	12.00	84.00	JEN 13	2.00	2.00	2.00	2.00	8.00
JEN 14	18.00	46.50	28.50	0.00	93.00	JEN 14	6.00	2.00	8.00	0.00	16.00
JEN 15	55.50	25.50	42.00	46.50	169.50	JEN 15	2.00	0.00	8.00	6.00	16.00

APPENDIX V : Tour Guide Work Hours by Cave Tour and Season

<b>Tour Code JEN LUCAS Location Jenolan</b>						<b>Tour Code JEN ORIENT Location Jenolan</b>					
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
JEN 1	0.00	0.00	0.00	22.50	22.50	JEN 1	0.00	0.00	0.00	4.50	4.50
JEN 2	33.00	15.00	33.00	3.00	84.00	JEN 2	10.50	4.50	4.50	4.50	24.00
JEN 3	27.00	16.50	0.00	37.50	81.00	JEN 3	7.50	0.50	0.00	7.50	15.50
JEN 4	37.50	24.00	55.50	7.50	124.50	JEN 4	10.50	9.00	13.50	7.50	40.50
JEN 5	54.00	37.50	48.00	64.50	204.00	JEN 5	13.50	7.50	7.50	16.50	45.00
JEN 6	9.00	7.50	0.00	7.50	24.00	JEN 6	0.00	1.50	0.00	2.00	3.50
JEN 7	49.50	40.50	54.00	45.00	189.00	JEN 7	31.50	27.00	28.50	9.00	96.00
JEN 8	0.00	0.00	0.00	0.00	0.00	JEN 8	0.00	0.00	0.00	0.00	0.00
JEN 9	0.00	0.00	0.00	0.00	0.00	JEN 9	0.00	0.00	0.00	0.00	0.00
JEN 10	57.00	55.50	42.00	31.50	186.00	JEN 10	12.00	24.00	21.00	10.50	67.50
JEN 11	48.00	42.00	46.50	39.00	175.50	JEN 11	22.50	13.50	12.00	10.50	58.50
JEN 12	58.50	69.00	72.00	3.00	202.50	JEN 12	21.00	22.50	21.00	0.00	64.50
JEN 13	36.00	42.00	4.50	21.00	103.50	JEN 13	7.50	15.00	4.50	10.50	37.50
JEN 14	43.50	75.00	37.50	0.00	156.00	JEN 14	18.00	16.50	16.50	0.00	51.00
JEN 15	42.00	46.50	63.00	51.00	202.50	JEN 15	19.50	13.50	28.50	7.50	69.00

  

<b>Tour Code JEN MAINTENANCE Location Jenolan</b>						<b>Tour Code JEN RIBBON Location Jenolan</b>					
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
JEN 1	0.00	0.00	0.00	4.00	4.00	JEN 1	0.00	0.00	0.00	0.00	0.00
JEN 2	0.00	0.00	12.50	40.50	53.00	JEN 2	3.00	1.50	1.50	0.00	6.00
JEN 3	11.00	6.50	0.00	7.50	25.00	JEN 3	1.50	1.50	0.00	0.00	3.00
JEN 4	16.00	47.00	12.00	45.00	120.00	JEN 4	1.50	1.50	0.00	0.00	3.00
JEN 5	0.00	0.00	1.00	5.50	6.50	JEN 5	4.50	1.50	0.00	1.50	7.50
JEN 6	0.00	28.00	139.00	0.00	167.00	JEN 6	0.00	0.00	0.00	1.50	1.50
JEN 7	7.00	2.00	6.50	6.00	21.50	JEN 7	3.00	0.00	3.00	1.50	7.50
JEN 8	240.00	161.00	133.00	317.00	851.00	JEN 8	0.00	0.00	0.00	0.00	0.00
JEN 9	279.50	139.50	144.50	163.50	727.00	JEN 9	0.00	0.00	0.00	0.00	0.00
JEN 10	5.00	35.00	30.50	70.50	141.00	JEN 10	3.00	0.00	1.50	1.50	6.00
JEN 11	21.00	19.00	27.00	39.50	106.50	JEN 11	0.00	1.50	3.00	0.00	4.50
JEN 12	2.00	1.50	2.00	1.50	7.00	JEN 12	4.50	4.50	1.50	0.00	10.50
JEN 13	48.00	45.50	21.00	25.50	140.00	JEN 13	4.50	3.00	0.00	1.50	9.00
JEN 14	0.00	0.00	0.00	0.00	0.00	JEN 14	0.00	1.50	1.50	0.00	3.00
JEN 15	0.00	1.00	1.00	55.50	57.50	JEN 15	3.00	1.50	6.00	3.00	13.50

<b>JEN RIVER</b>						<b>KEL K9</b>					
Tour Code	Location <b>Jenolan</b>					Tour Code	Location <b>Kelly Hill</b>				
<b>Guide ID</b>	Winter (h)	Spring (h)	Summer (h)	Autumn (h)	Annual (h)	<b>Guide ID</b>	Winter (h)	Spring (h)	Summer (h)	Autumn (h)	Annual (h)
JEN 1	0.00	0.00	0.00	10.00	10.00	KEL 1	0.00	0.00	0.00	0.00	0.00
JEN 2	12.00	4.00	16.00	6.00	38.00	KEL 2	0.00	0.00	0.00	0.00	0.00
JEN 3	0.00	4.00	0.00	4.00	8.00	KEL 3	1.00	1.00	1.00	1.00	4.00
JEN 4	10.00	0.00	16.00	4.00	30.00	KEL 4	0.00	0.00	0.00	0.00	0.00
JEN 5	10.00	8.00	20.00	20.00	58.00	KEL 5	3.00	3.00	3.00	3.00	12.00
JEN 6	2.00	4.00	0.00	2.00	8.00	KEL 6	2.00	2.00	2.00	2.00	8.00
JEN 7	26.00	16.00	16.00	14.00	72.00	KEL 7	0.00	0.00	0.00	0.00	0.00
JEN 8	0.00	0.00	0.00	0.00	0.00	KEL 8	1.00	1.00	1.00	1.00	4.00
JEN 9	0.00	0.00	0.00	0.00	0.00	KEL 9	1.50	1.50	1.50	1.50	6.00
JEN 10	18.00	6.00	18.00	14.00	56.00						
JEN 11	20.00	12.00	22.00	16.00	70.00						
JEN 12	26.00	28.00	16.00	2.00	72.00						
JEN 13	8.00	22.00	4.00	2.00	36.00						
JEN 14	4.00	22.00	12.00	0.00	38.00						
JEN 15	10.00	10.00	18.00	10.00	48.00						
<b>KAT CUTTACUTTA</b>						<b>KEL KELLYHILL</b>					
Tour Code	Location <b>Katherine</b>					Tour Code	Location <b>Kelly Hill</b>				
NO DATA PROVIDED						<b>Guide ID</b>	Winter (h)	Spring (h)	Summer (h)	Autumn (h)	Annual (h)
						KEL 1	101.00	128.50	113.00	142.50	485.00
						KEL 2	0.00	0.00	169.50	60.00	229.50
						KEL 3	88.50	248.00	137.50	218.50	692.50
						KEL 4	111.00	177.00	190.00	188.00	666.00
						KEL 5	120.50	226.00	239.50	185.50	771.50
						KEL 6	97.00	133.00	156.50	145.00	531.50
						KEL 7	0.00	0.00	0.00	47.50	47.50
						KEL 8	0.00	0.00	0.00	58.00	58.00
						KEL 9	124.00	196.50	251.50	220.50	792.50
<b>KAT TINDALL</b>						<b>KEL MNTTAYLOR</b>					
Tour Code	Location <b>Katherine</b>					Tour Code	Location <b>Kelly Hill</b>				
NO DATA PROVIDED						<b>Guide ID</b>	Winter (h)	Spring (h)	Summer (h)	Autumn (h)	Annual (h)
						KEL 1	0.00	0.00	0.00	0.00	0.00
						KEL 2	0.00	0.00	0.00	0.00	0.00
						KEL 3	3.00	3.00	3.00	3.00	12.00
						KEL 4	0.00	0.00	0.00	0.00	0.00
						KEL 5	0.50	0.50	0.50	0.50	2.00
						KEL 6	1.50	1.50	1.50	1.50	6.00
						KEL 7	0.00	0.00	0.00	0.00	0.00
						KEL 8	1.00	1.00	1.00	1.00	4.00
						KEL 9	0.00	0.00	0.00	0.00	0.00

<b>Tour Code      MAR JEWEL      Location Margaret R</b>						<b>Tour Code      MAR MAMMOTH      Location Margaret R</b>					
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
MAR 1	88.00	88.00	88.00	88.00	352.00	MAR 1	9.00	9.00	9.00	9.00	36.00
MAR 10	5.00	5.00	5.00	5.00	20.00	MAR 10	28.00	28.00	28.00	28.00	112.00
MAR 11	22.00	22.00	22.00	22.00	88.00	MAR 11	0.00	0.00	0.00	0.00	0.00
MAR 2	46.00	46.00	46.00	46.00	184.00	MAR 2	62.00	62.00	62.00	62.00	248.00
MAR 3	58.00	58.00	58.00	58.00	232.00	MAR 3	26.00	26.00	26.00	26.00	104.00
MAR 4	22.00	22.00	22.00	22.00	88.00	MAR 4	63.00	63.00	63.00	63.00	252.00
MAR 5	31.00	31.00	31.00	31.00	124.00	MAR 5	98.00	98.00	98.00	98.00	392.00
MAR 6	78.00	78.00	78.00	78.00	312.00	MAR 6	41.00	41.00	41.00	41.00	164.00
MAR 7	17.00	17.00	17.00	17.00	68.00	MAR 7	62.00	62.00	62.00	62.00	248.00
MAR 8	63.00	63.00	63.00	63.00	252.00	MAR 8	33.00	33.00	33.00	33.00	132.00
MAR 9	14.00	14.00	14.00	14.00	56.00	MAR 9	37.00	37.00	37.00	37.00	148.00
<b>Tour Code      MAR LAKECAVE      Location Margaret R</b>						<b>Tour Code      MAR MOON      Location Margaret R</b>					
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
MAR 1	20.00	20.00	20.00	20.00	80.00	MAR 1	32.00	32.00	32.00	32.00	128.00
MAR 10	31.00	31.00	31.00	31.00	124.00	MAR 10	16.00	16.00	16.00	16.00	64.00
MAR 11	0.00	0.00	0.00	0.00	0.00	MAR 11	0.00	0.00	0.00	0.00	0.00
MAR 2	41.00	41.00	41.00	41.00	164.00	MAR 2	28.00	28.00	28.00	28.00	112.00
MAR 3	21.00	21.00	21.00	21.00	84.00	MAR 3	37.00	37.00	37.00	37.00	148.00
MAR 4	77.00	77.00	77.00	77.00	308.00	MAR 4	13.00	13.00	13.00	13.00	52.00
MAR 5	71.00	71.00	71.00	71.00	284.00	MAR 5	0.00	0.00	0.00	0.00	0.00
MAR 6	21.00	21.00	21.00	21.00	84.00	MAR 6	25.00	25.00	25.00	25.00	100.00
MAR 7	46.00	46.00	46.00	46.00	184.00	MAR 7	0.00	0.00	0.00	0.00	0.00
MAR 8	31.00	31.00	31.00	31.00	124.00	MAR 8	11.00	11.00	11.00	11.00	44.00
MAR 9	38.00	38.00	38.00	38.00	152.00	MAR 9	9.00	9.00	9.00	9.00	36.00
<b>Tour Code      MAR YALLINGUP      Location Margaret R</b>											
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>						
YAL 1	144.25	135.25	132.00	130.75	542.25						
YAL 2	120.50	104.00	140.50	103.75	468.75						
YAL 3	88.25	98.25	63.00	116.75	366.25						
YAL 4	113.25	147.50	165.50	98.50	524.75						
YAL 5	51.50	88.50	134.00	95.75	369.75						
YAL 6	36.00	36.00	36.00	36.00	144.00						
YAL 7	12.00	35.00	50.50	73.50	171.00						

<b>MOL KINGSOLOMON</b>						<b>NAR ALEXANDRA</b>					
Tour Code	Location <b>Mole Creek</b>					Tour Code	Location <b>Naracoorte</b>				
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
MOL 1	11.50	7.50	2.00	0.00	21.00	NAR 1	5.50	6.00	1.00	0.00	12.50
MOL 2	162.00	98.00	124.00	121.00	505.00	NAR 2	41.00	34.50	22.00	38.50	136.00
MOL 3	100.00	133.00	107.00	109.00	449.00	NAR 3	16.00	26.00	24.00	10.50	76.50
MOL 4	24.00	26.00	19.50	8.00	77.50	NAR 4	0.50	2.50	0.00	0.00	3.00
MOL 5	17.50	6.50	3.50	1.50	29.00	NAR 5	7.50	4.50	13.50	7.50	33.00
MOL 6	12.00	87.00	0.00	0.00	99.00	NAR 6	14.00	2.50	19.00	4.00	39.50
MOL 7	0.00	0.00	75.00	24.00	99.00	NAR 7	0.00	0.00	17.00	21.50	38.50
MOL 8	0.00	0.00	25.00	37.00	62.00	NAR 8	15.00	21.50	13.00	19.00	68.50
MOL 9	0.00	0.00	23.00	58.00	81.00	NAR 9	14.50	20.50	15.00	12.50	62.50
<b>MOL MARAKOOPA</b>						<b>NAR BLANCHE</b>					
Tour Code	Location <b>Mole Creek</b>					Tour Code	Location <b>Naracoorte</b>				
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
MOL 1	6.00	8.00	0.00	55.00	69.00	NAR 1	0.00	2.00	1.00	0.00	3.00
MOL 10	114.00	143.00	0.00	9.00	266.00	NAR 2	6.00	13.00	10.00	22.00	51.00
MOL 2	42.00	75.00	71.00	126.00	314.00	NAR 3	5.00	8.00	18.00	10.00	41.00
MOL 3	64.00	89.00	96.00	72.00	321.00	NAR 4	1.00	3.00	0.00	0.00	4.00
MOL 4	104.00	48.00	35.00	70.00	257.00	NAR 5	3.00	1.00	10.00	6.00	20.00
MOL 5	36.00	65.00	78.00	24.00	203.00	NAR 6	6.00	4.00	6.00	2.00	18.00
MOL 6	10.00	26.00	0.00	0.00	36.00	NAR 7	0.00	0.00	9.00	7.00	16.00
MOL 7	0.00	0.00	5.00	47.00	52.00	NAR 8	10.00	20.00	8.00	10.00	48.00
MOL 8	0.00	0.00	46.00	37.00	83.00	NAR 9	7.00	14.00	15.00	8.00	44.00
MOL 9	0.00	0.00	56.00	15.00	71.00	NAR 10	0.00	0.00	10.00	14.00	24.00
						NAR 11	0.00	0.00	0.00	1.00	1.00
<b>MUR MAINTENANCE</b>						<b>MUR SHADESOFDEATH</b>					
Tour Code	Location <b>Murrindal</b>					Tour Code	Location <b>Murrindal</b>				
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
MUR 1	225.00	225.00	225.00	225.00	900.00	MUR 1	10.00	20.00	60.00	10.00	100.00
MUR 2	15.00	15.00	15.00	15.00	60.00	MUR 2	5.00	10.00	30.00	5.00	50.00
MUR 3	5.00	5.00	5.00	5.00	20.00	MUR 3	2.00	5.00	15.00	3.00	25.00

<u>Tour Code</u> <b>NAR VICFOSSIL</b> Location <b>Naracoorte</b>						<u>Tour Code</u> <b>ROC ADVENTURE</b> Location <b>Rockhampton</b>					
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	NO DATA PROVIDED					
NAR 1	6.00	9.00	3.00	1.00	19.00						
NAR 2	32.00	49.00	50.00	56.00	187.00						
NAR 3	29.00	41.00	57.00	32.00	159.00						
NAR 4	5.00	4.00	0.00	0.00	9.00						
NAR 5	13.00	5.00	35.00	10.00	63.00						
NAR 6	25.00	13.00	41.00	7.00	86.00						
NAR 7	0.00	0.00	31.00	34.00	65.00						
NAR 8	26.00	38.00	29.00	30.00	123.00						
NAR 9	35.00	35.00	51.00	26.00	147.00						
NAR 10	7.00	0.00	31.00	31.00	69.00						
NAR 11	0.00	0.00	3.00	3.00	6.00						
<u>Tour Code</u> <b>NEL PRNCMARGROS</b> Location <b>Nelson</b>						<u>Tour Code</u> <b>ROC CAMMOO</b> Location <b>Rockhampton</b>					
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	NO DATA PROVIDED					
NEL 1	116.50	168.50	113.50	120.50	519.00						
NEL 2	78.50	131.00	138.00	117.50	465.00						
NEL 3	87.00	138.00	49.00	44.00	318.00						
NEL 4	64.50	95.50	32.00	10.00	202.00						
<u>Tour Code</u> <b>TAN TANTANOOLA</b> Location <b>Tantanoola</b>						<u>Tour Code</u> <b>ROC DEEPAULT</b> Location <b>Rockhampton</b>					
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	NO DATA PROVIDED					
TAN 1	98.00	72.00	138.00	64.00	372.00						
TAN 2	116.00	120.00	23.00	97.00	356.00						
TAN 3	64.00	92.00	131.00	103.00	390.00						
TAN 4	362.00	386.00	438.00	388.00	1,574.00						
<u>Tour Code</u> <b>ROC JOHANSENS</b> Location <b>Rockhampton</b>						<u>Tour Code</u> <b>ROC OLSENS</b> Location <b>Rockhampton</b>					
NO DATA PROVIDED						NO DATA PROVIDED					

Tour Code		UND ARCH			Location Undara	
Guide ID	Winter (h)	Spring (h)	Summer (h)	Autumn (h)	Annual (h)	
UND 1	45.00	0.00	0.00	45.00	90.00	
UND 2	30.00	0.00	0.00	30.00	60.00	
UND 3	60.00	80.00	80.00	60.00	280.00	
UND 4	60.00	80.00	80.00	60.00	280.00	
UND 5	60.00	80.00	80.00	60.00	280.00	
UND 6	60.00	80.00	80.00	60.00	280.00	

  

Tour Code		UND BARKER			Location Undara	
Guide ID	Winter (h)	Spring (h)	Summer (h)	Autumn (h)	Annual (h)	
UND 1	0.00	0.00	0.00	0.00	0.00	
UND 2	0.00	0.00	0.00	0.00	0.00	
UND 3	15.00	0.00	0.00	15.00	30.00	
UND 4	15.00	0.00	0.00	15.00	30.00	
UND 5	15.00	0.00	0.00	15.00	30.00	
UND 6	15.00	0.00	0.00	15.00	30.00	

  

Tour Code		UND ROAD			Location Undara	
Guide ID	Winter (h)	Spring (h)	Summer (h)	Autumn (h)	Annual (h)	
UND 1	75.00	0.00	0.00	75.00	150.00	
UND 2	60.00	0.00	0.00	60.00	120.00	
UND 3	60.00	80.00	80.00	60.00	280.00	
UND 4	60.00	80.00	80.00	60.00	280.00	
UND 5	60.00	80.00	80.00	60.00	280.00	
UND 6	60.00	80.00	80.00	60.00	280.00	

  

Tour Code		UND WINDTUNNEL			Location Undara	
Guide ID	Winter (h)	Spring (h)	Summer (h)	Autumn (h)	Annual (h)	
UND 1	0.00	0.00	0.00	0.00	0.00	
UND 2	0.00	0.00	0.00	0.00	0.00	
UND 3	30.00	0.00	0.00	30.00	60.00	
UND 4	30.00	0.00	0.00	30.00	60.00	
UND 5	30.00	0.00	0.00	30.00	60.00	
UND 6	30.00	0.00	0.00	30.00	60.00	

  

Tour Code		WEE WEEJASPER			Location Wee Jasper	
Guide ID	Winter (h)	Spring (h)	Summer (h)	Autumn (h)	Annual (h)	
WEE 1	0.00	150.00	200.00	150.00	500.00	

  

Tour Code		WEL CATHEDRAL			Location Wellington	
NO DATA PROVIDED						

  

Tour Code		WEL GADEN			Location Wellington	
NO DATA PROVIDED						

  

Tour Code		WOM FIGTREE			Location Wombeyan	
Guide ID	Winter (h)	Spring (h)	Summer (h)	Autumn (h)	Annual (h)	
WOM 1	23.00	20.00	23.00	27.50	93.50	
WOM 10	3.00	3.00	0.00	4.00	10.00	
WOM 2	14.50	11.00	11.50	13.50	50.50	
WOM 3	7.50	4.00	6.50	7.50	25.50	
WOM 4	13.00	16.00	16.00	10.50	55.50	
WOM 5	15.00	29.00	24.00	21.00	89.00	
WOM 6	3.50	1.00	4.00	6.50	15.00	
WOM 7	3.00	3.50	1.00	8.00	15.50	
WOM 8	3.50	4.00	1.50	2.50	11.50	
WOM 9	1.00	0.00	0.00	0.00	1.00	

  

Tour Code		WOM HISTORICAL			Location Wombeyan	
Guide ID	Winter (h)	Spring (h)	Summer (h)	Autumn (h)	Annual (h)	
WOM 1	23.00	20.00	23.00	27.50	93.50	
WOM 2	14.50	11.00	11.50	13.50	50.50	
WOM 3	7.50	4.00	6.50	7.50	25.50	
WOM 4	13.00	16.00	16.00	10.50	55.50	
WOM 5	15.00	29.00	24.00	21.00	89.00	
WOM 6	3.50	1.00	4.00	6.50	15.00	
WOM 7	3.00	3.50	1.00	8.00	15.50	
WOM 8	3.50	4.00	1.50	2.50	11.50	
WOM 9	1.00	0.00	0.00	0.00	1.00	
WOM 10	3.00	3.00	0.00	4.00	10.00	

<b>WOM JUNCTION</b>						<b>WOM OFFICE</b>					
Tour Code	Location <b>Wombeyan</b>					Tour Code	Location <b>Wombeyan</b>				
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
WOM 1	23.00	20.00	23.00	27.50	93.50	WOM 1	0.00	0.00	0.00	0.00	0.00
WOM 10	3.00	3.00	0.00	4.00	10.00	WOM 10	0.00	0.00	0.00	0.00	0.00
WOM 2	14.50	11.00	11.50	13.50	50.50	WOM 2	0.00	0.00	0.00	0.00	0.00
WOM 3	7.50	4.00	6.50	7.50	25.50	WOM 3	0.00	0.00	0.00	0.00	0.00
WOM 4	13.00	16.00	16.00	10.50	55.50	WOM 4	0.00	0.00	0.00	0.00	0.00
WOM 5	15.00	29.00	24.00	21.00	89.00	WOM 5	0.00	0.00	0.00	0.00	0.00
WOM 6	3.50	1.00	4.00	6.50	15.00	WOM 6	0.00	0.00	0.00	0.00	0.00
WOM 7	3.00	3.50	1.00	8.00	15.50	WOM 7	0.00	0.00	0.00	0.00	0.00
WOM 8	3.50	4.00	1.50	2.50	11.50	WOM 8	0.00	0.00	0.00	0.00	0.00
WOM 9	1.00	0.00	0.00	0.00	1.00	WOM 9	0.00	0.00	0.00	0.00	0.00

  

<b>WOM KOORINGA</b>						<b>WOM WOLLONDILLY</b>					
Tour Code	Location <b>Wombeyan</b>					Tour Code	Location <b>Wombeyan</b>				
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>	<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
WOM 1	23.00	20.00	23.00	27.50	93.50	WOM 1	23.00	20.00	23.00	27.50	93.50
WOM 10	3.00	3.00	0.00	4.00	10.00	WOM 10	3.00	3.00	0.00	4.00	10.00
WOM 2	14.50	11.00	11.50	13.50	50.50	WOM 2	14.50	11.00	11.50	13.50	50.50
WOM 3	7.50	4.00	6.50	7.50	25.50	WOM 3	7.50	4.00	6.50	7.50	25.50
WOM 4	13.00	16.00	16.00	10.50	55.50	WOM 4	13.00	16.00	16.00	10.50	55.50
WOM 5	15.00	29.00	24.00	21.00	89.00	WOM 5	15.00	29.00	24.00	21.00	89.00
WOM 6	3.50	1.00	4.00	6.50	15.00	WOM 6	3.50	1.00	4.00	6.50	15.00
WOM 7	3.00	3.50	1.00	8.00	15.50	WOM 7	3.00	3.50	1.00	8.00	15.50
WOM 8	3.50	4.00	1.50	2.50	11.50	WOM 8	3.50	4.00	1.50	2.50	11.50
WOM 9	1.00	0.00	0.00	0.00	1.00	WOM 9	1.00	0.00	0.00	0.00	1.00

  

<b>WOM MULWAREE</b>					
Tour Code	Location <b>Wombeyan</b>				
<b>Guide ID</b>	<b>Winter (h)</b>	<b>Spring (h)</b>	<b>Summer (h)</b>	<b>Autumn (h)</b>	<b>Annual (h)</b>
WOM 1	23.00	20.00	23.00	27.50	93.50
WOM 10	3.00	3.00	0.00	4.00	10.00
WOM 2	14.50	11.00	11.50	13.50	50.50
WOM 3	7.50	4.00	6.50	7.50	25.50
WOM 4	13.00	16.00	16.00	10.50	55.50
WOM 5	15.00	29.00	24.00	21.00	89.00
WOM 6	3.50	1.00	4.00	6.50	15.00
WOM 7	3.00	3.50	1.00	8.00	15.50
WOM 8	3.50	4.00	1.50	2.50	11.50
WOM 9	1.00	0.00	0.00	0.00	1.00

<u>Tour Code</u>	<u>YAN CABERET</u>					<u>Location Yanchep</u>
<u>Guide ID</u>	<u>Winter (h)</u>	<u>Spring (h)</u>	<u>Summer (h)</u>	<u>Autumn (h)</u>	<u>Annual (h)</u>	
YAN 1	0.00	0.00	0.00	0.00	0.00	
YAN 2	0.00	0.00	0.00	0.00	0.00	
YAN 3	0.00	0.00	0.00	0.00	0.00	
YAN 4	0.00	0.00	0.00	0.00	0.00	
YAN 5	0.00	0.00	0.00	0.00	0.00	
<u>Tour Code</u>	<u>YAN CRYSTAL</u>					<u>Location Yanchep</u>
<u>Guide ID</u>	<u>Winter (h)</u>	<u>Spring (h)</u>	<u>Summer (h)</u>	<u>Autumn (h)</u>	<u>Annual (h)</u>	
YAN 1	144.00	144.00	144.00	144.00	576.00	
YAN 2	35.00	35.00	35.00	35.00	140.00	
YAN 3	35.00	35.00	35.00	35.00	140.00	
YAN 4	35.00	35.00	35.00	35.00	140.00	
YAN 5	4.00	4.00	4.00	4.00	16.00	

  

<u>Tour Code</u>	<u>YAR CASTLE</u>	<u>Location Yarrangobilly</u>
	NO DATA PROVIDED	
<u>Tour Code</u>	<u>YAR HARRYWOOD</u>	<u>Location Yarrangobilly</u>
	NO DATA PROVIDED	
<u>Tour Code</u>	<u>YAR JERSEY</u>	<u>Location Yarrangobilly</u>
	NO DATA PROVIDED	
<u>Tour Code</u>	<u>YAR JILLABANEAN</u>	<u>Location Yarrangobilly</u>
	NO DATA PROVIDED	
<u>Tour Code</u>	<u>YAR NORTHGLORY</u>	<u>Location Yarrangobilly</u>
	NO DATA PROVIDED	
<u>Tour Code</u>	<u>YAR SOUTHGLORY</u>	<u>Location Yarrangobilly</u>
	NO DATA PROVIDED	

**OCCUPATIONAL EXPOSURE TO RADON IN AUSTRALIAN TOURIST CAVES**

**AN AUSTRALIA-WIDE STUDY OF RADON LEVELS**

**APPENDIX VI**

**RADON LEVELS AND GAMMA-RAY DOSE BY SITE AND SEASON**

APPENDIX VI : Radon Concentration (Bq m<sup>-3</sup>) and External Gamma-ray Radiation (µSv) by Cave Monitor Site and Season

Code	ABE ARC A	Name	Arch	Location	Abercrombie			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0516	WINTER	20/5/94	25/8/94	2,700.00	28	160.00		
435-0015	SPRING	25/8/94	5/12/94	3,200.00	31	200.00		
448-2095	SUMMER	5/12/94	14/3/95					
509-5001	AUTUMN	14/3/95	19/6/95	18,200.00	188	240.00		
422-0598	ANNUAL	20/5/94	19/6/95	25,300.00	64	430.00		

Code	ABE ARC B	Name	Arch	Location	Abercrombie			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0513	WINTER	20/5/94	25/8/94	1,600.00	16	190.00		
435-0016	SPRING	25/8/94	5/12/94	3,100.00	30	260.00		
448-2096	SUMMER	5/12/94	14/3/95	2,270.00	23	240.00		
509-5002	AUTUMN	14/3/95	19/6/95	9,100.00	94	290.00		
422-0612	ANNUAL	20/5/94	19/6/95	17,300.00	44	710.00		

Code	ABE BUS A	Name	Bush Ranger	Location	Abercrombie			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0422	WINTER	20/5/94	25/8/94	9,900.00	102	110.00		
435-0017	SPRING	25/8/94	5/12/94	8,700.00	85	170.00		
448-2097	SUMMER	5/12/94	14/3/95	4,000.00	40	210.00		
509-5003	AUTUMN	14/3/95	19/6/95	11,200.00	115	220.00		
422-0593	ANNUAL	20/5/94	19/6/95	66,600.00	169	390.00		

Code	ABE BUS B	Name	Bush Ranger	Location	Abercrombie			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0601	WINTER	20/5/94	25/8/94	5,400.00	56	190.00		
435-0018	SPRING	25/8/94	5/12/94	10,500.00	103	230.00		
448-2098	SUMMER	5/12/94	14/3/95	22,700.00	229	250.00		
509-5004	AUTUMN	14/3/95	19/6/95	14,700.00	152	230.00		
422-0421	ANNUAL	20/5/94	19/6/95	73,300.00	186	700.00		

Code	ABE BUS C	Name	Bush Ranger	Location	Abercrombie			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0418	WINTER	20/5/94	25/8/94	4,000.00	41	150.00		
435-0019	SPRING	25/8/94	5/12/94	3,600.00	35	190.00		
448-2099	SUMMER	5/12/94	14/3/95	17,100.00	173	260.00		
509-5005	AUTUMN	14/3/95	19/6/95	12,600.00	130	260.00		
422-0473	ANNUAL	20/5/94	19/6/95	75,300.00	191	630.00		

Code	ABE GRO A	Name	Grove	Location	Abercrombie			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0456	WINTER	20/5/94	31/8/94	10,700.00	104	120.00		
435-0020	SPRING	25/8/94	5/12/94	7,300.00	72	150.00		
448-2100	SUMMER	5/12/94	14/3/95	4,000.00	40	210.00		
509-5006	AUTUMN	14/3/95	19/6/95	15,400.00	159	200.00		
422-0591	ANNUAL	20/5/94	19/6/95	64,600.00	164	320.00		

Code	ABE KIN A	Name	King Solomons	Location	Abercrombie			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0415	WINTER	20/5/94	25/8/94	3,000.00	31	200.00		
435-0021	SPRING	25/8/94	5/12/94	2,800.00	27	270.00		
448-2101	SUMMER	5/12/94	14/3/95	2,270.00	23	620.00		
509-5007	AUTUMN	14/3/95	19/6/95	8,400.00	87	350.00		
422-0472	ANNUAL	20/5/94	19/6/95	19,300.00	49	700.00		

Code	BUC FAI A	Name	Fairy	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0525	WINTER	18/5/94	31/8/94	146,300.00	1393	260.00		
435-0022	SPRING	31/8/94	6/12/94	213,400.00	2200	360.00		
448-2102	SUMMER	6/12/94	15/3/95	373,400.00	3772	300.00		
509-5008	AUTUMN	15/3/95	19/6/95	70,100.00	730	550.00		
422-0605	ANNUAL	18/5/94	19/6/95	1,284,700.0	3236	1,250.00		

Code	BUC FAI B	Name	Fairy	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0554	WINTER	18/5/94	31/8/94	139,900.00	1332	180.00		
435-0023	SPRING	31/8/94	6/12/94	192,300.00	1982	260.00		
448-2103	SUMMER	6/12/94	15/3/95	232,900.00	2353	650.00		
509-5009	AUTUMN	15/3/95	19/6/95	114,300.00	1191	360.00		
422-0575	ANNUAL	18/5/94	19/6/95	1,206,100.0	3038	930.00		

Code	BUC FAI C	Name	Fairy	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0606	WINTER	18/5/94	31/8/94	158,900.00	1513	330.00		
435-0024	SPRING	31/8/94	6/12/94	229,100.00	2362	350.00		
448-2104	SUMMER	6/12/94	15/3/95	172,300.00	1740	360.00		
509-5010	AUTUMN	15/3/95	19/6/95	108,700.00	1132	520.00		
422-0483	ANNUAL	18/5/94	19/6/95	1,178,200.0	2968	1,580.00		

Code	BUC FAI D	Name	Fairy	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0534	WINTER	18/5/94	31/8/94	160,300.00	1527	260.00		
435-0025	SPRING	31/8/94	6/12/94	234,900.00	2422	400.00		
448-2105	SUMMER	6/12/94	15/3/95	445,600.00	4501	480.00		
509-5011	AUTUMN	15/3/95	19/6/95	166,900.00	1739	390.00		
422-0424	ANNUAL	18/5/94	19/6/95	1,395,900.0	3516	1,220.00		

Code	BUC FAI E	Name	Fairy	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0434	WINTER	18/5/94	31/8/94	175,900.00	1675	240.00		
435-0026	SPRING	31/8/94	6/12/94	238,900.00	2463	300.00		
448-2106	SUMMER	6/12/94	15/3/95	454,000.00	4586	570.00		
509-5012	AUTUMN	15/3/95	19/6/95	179,500.00	1870	360.00		
422-0489	ANNUAL	18/5/94	19/6/95	1,324,000.0	3335	1,060.00		

Code	BUC FAI F	Name	Fairy	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0611	WINTER	18/5/94	31/8/94	139,000.00	1324	2,450.00		
435-0027	SPRING	31/8/94	6/12/94	238,100.00	2455	340.00		
448-2107	SUMMER	6/12/94	15/3/95	435,100.00	4395	380.00		
509-5013	AUTUMN	15/3/95	19/6/95	152,100.00	1584	600.00		
422-0558	ANNUAL	18/5/94	19/6/95	1,330,700.0	3352	1,170.00		

Code	BUC FAI G	Name	Fairy	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0556	WINTER	18/5/94	31/8/94	111,900.00	1066	190.00		
435-0028	SPRING	31/8/94	6/12/94	184,800.00	1905	230.00		
448-2108	SUMMER	6/12/94	15/3/95	377,100.00	3809	1,160.00		
509-5014	AUTUMN	15/3/95	19/6/95	128,300.00	1336	320.00		
422-0467	ANNUAL	18/5/94	19/6/95	1,124,900.0	2834	720.00		

Code	BUC FAI H	Name	Fairy	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0519	WINTER	18/5/94	31/8/94	358,500.00	3414	490.00		
435-0029	SPRING	31/8/94	6/12/94	471,700.00	4863	470.00		
448-2109	SUMMER	6/12/94	15/3/95	315,400.00	3186	370.00		
509-5015	AUTUMN	15/3/95	19/6/95	217,300.00	2264	610.00		
422-0500	ANNUAL	18/5/94	19/6/95	1,549,800.0	3904	1,660.00		

Code	BUC SHA A	Name	Shades of Death	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0396	WINTER	19/5/94	30/8/94	130,000.00	1262	20.00		
435-0036	SPRING	30/8/94	4/12/94	167,300.00	1743	280.00		
448-2116	SUMMER	4/12/94	18/6/95	250,900.00	1280	360.00		
509-5022	AUTUMN	19/3/95	18/6/95	34,400.00	378	340.00		
422-0587	ANNUAL	19/5/94	19/6/95	1,053,600.0	2661	920.00		

Code	BUC SHA B	Name	Shades of Death	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0406	WINTER	19/5/94	30/8/94	134,800.00	1309	150.00		
435-0037	SPRING	30/8/94	4/12/94	156,600.00	1631	190.00		
448-2117	SUMMER	4/12/94	18/6/95	206,700.00	1055	250.00		
509-5023	AUTUMN	19/3/95	18/6/95	157,700.00	1733	280.00		
422-0432	ANNUAL	19/5/94	18/3/95	1,049,000.0	3462	540.00		

Code	BUC SHA C	Name	Shades of Death	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0504	WINTER	19/5/94	30/8/94	133,900.00	1300	150.00		
435-0038	SPRING	30/8/94	4/12/94	170,600.00	1777	170.00		
448-2118	SUMMER	4/12/94	19/3/95	198,400.00	1890	280.00		
509-5024	AUTUMN	19/3/95	18/6/95	80,600.00	886	260.00		
422-0597	ANNUAL	19/5/94	18/6/95	992,300.00	2512	510.00		

Code	BUC SHA D	Name	Shades of Death	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0400	WINTER	19/5/94	30/8/94	156,800.00	1522	150.00		
435-0039	SPRING	30/8/94	4/12/94	183,000.00	1906	210.00		
448-2119	SUMMER	4/12/94	19/3/95	218,600.00	2082	260.00		
509-5025	AUTUMN	19/3/95	18/6/95	142,300.00	1564	330.00		
422-0459	ANNUAL	19/5/94	18/6/95	1,095,600.0	2774	480.00		

Code	BUC SHA E	Name	Shades of Death	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0427	WINTER	19/5/94	30/8/94	129,300.00	1255	340.00		
	SPRING							
448-3014	SUMMER	4/12/94	19/3/95	105,100.00	1001	380.00		
509-5026	AUTUMN	19/3/95	18/6/95	34,400.00	378	540.00		
422-0419	ANNUAL	19/5/94	18/6/95	1,057,600.0	2677	1,320.00		

Code	BUC SHA F	Name	Shades of Death	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0602	WINTER	19/5/94	30/8/94	123,300.00	1197	320.00		
	SPRING							
435-1171	SUMMER	4/12/94	19/3/95	427,300.00	4070	670.00		
509-5027	AUTUMN	19/3/95	18/6/95	63,800.00	701	460.00		
422-0468	ANNUAL	19/5/94	18/6/95	1,068,300.0	2705	1,020.00		

Code	BUC ROY A	Name	The Royal	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0420	WINTER	18/5/94	31/8/94	112,300.00	1070	320.00		
435-0030	SPRING	31/8/94	6/12/94	158,900.00	1638	250.00		
448-2110	SUMMER	6/12/94	15/3/95	320,500.00	3237	740.00		
509-5016	AUTUMN	15/3/95	19/6/95	145,800.00	1519	360.00		
422-0501	ANNUAL	18/5/94	19/6/95	1,257,400.0	3167	1,020.00		

Code	BUC ROY B	Name	The Royal	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0517	WINTER	18/5/94	31/8/94	134,000.00	1276	330.00		
435-0031	SPRING	31/8/94	6/12/94	189,700.00	1956	400.00		
448-2111	SUMMER	6/12/94	15/3/95	452,600.00	4572	400.00		
509-5017	AUTUMN	15/3/95	19/6/95	32,900.00	343	500.00		
422-0557	ANNUAL	18/5/94	19/6/95	1,230,100.0	3098	1,550.00		

APPENDIX VI : Radon Concentration (Bq m<sup>-3</sup>) and External Gamma-ray Radiation (µSv) by Cave Monitor Site and Season

Code	BUC ROY C	Name	The Royal	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0428	WINTER	18/5/94	31/8/94	133,500.00	1271	220.00		
435-0032	SPRING	31/8/94	6/12/94	175,700.00	1811	220.00		
448-2112	SUMMER	6/12/94	15/3/95	409,100.00	4132	640.00		
509-5018	AUTUMN	15/3/95	19/6/95	106,600.00	1110	360.00		
422-0458	ANNUAL	18/5/94	19/6/95	1,227,400.0	3092	1,000.00		

Code	BUC ROY D	Name	The Royal	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0511	WINTER	18/5/94	31/8/94	135,600.00	1291	390.00		
435-0033	SPRING	31/8/94	6/12/94	185,800.00	1915	390.00		
448-2113	SUMMER	6/12/94	15/3/95	28,800.00	291	470.00		
509-5019	AUTUMN	15/3/95	19/6/95	74,300.00	774	530.00		
422-0552	ANNUAL	18/5/94	19/6/95	1,231,400.0	3102	1,760.00		

Code	BUC ROY E	Name	The Royal	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0446	WINTER	18/5/94	31/8/94	128,600.00	1225	240.00		
435-0034	SPRING	31/8/94	6/12/94	184,200.00	1899	330.00		
448-2114	SUMMER	6/12/94	15/3/95	408,200.00	4123	520.00		
509-5020	AUTUMN	15/3/95	19/6/95	42,100.00	439	340.00		
422-0464	ANNUAL	18/5/94	19/6/95					

Code	BUC ROY F	Name	The Royal	Location	Buchan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0454	WINTER	18/5/94	31/8/94	132,500.00	1262	400.00		
435-0035	SPRING	31/8/94	6/12/94	165,900.00	1710	410.00		
448-2115	SUMMER	6/12/94	15/3/95	244,100.00	2466	330.00		
509-5021	AUTUMN	15/3/95	19/6/95	120,600.00	1256	490.00		
422-0603	ANNUAL	18/5/94	19/6/95	1,170,800.0	2949	1,430.00		

Code	UND ARC A	Name	Undara Lava Tube	Location	Cairns			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0111	WINTER	7/5/94	2/9/94	8,200.00	69	270.00		
435-1039	SPRING	2/9/94	13/12/94	9,100.00	89	250.00		
448-3101	SUMMER	13/12/94	21/3/95	4,170.00	43	870.00		
509-5182	AUTUMN	21/3/95	15/6/95	4,210.00	49	310.00		
419-0059	ANNUAL	7/5/94	15/6/95	39,400.00	98	770.00		

Code	UND ARC B	Name	Undara Lava Tube	Location	Cairns			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0086	WINTER	7/5/94	2/9/94	2,600.00	22	330.00		
435-1040	SPRING	2/9/94	13/12/94	6,700.00	66	320.00		
448-3102	SUMMER	13/12/94	21/3/95	2,340.00	24	1,040.00		
509-5183	AUTUMN	21/3/95	15/6/95	700.00	8	290.00		
419-0056	ANNUAL	7/5/94	15/6/95	36,500.00	90	1,010.00		

Code	UND ARC C	Name	Undara Lava Tube	Location	Cairns			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0123	WINTER	7/5/94	2/9/94		0			
435-1041	SPRING	2/9/94	13/12/94	56,900.00	558	340.00		
448-3103	SUMMER	13/12/94	21/3/95	106,000.00	1082	180.00		
509-5184	AUTUMN	21/3/95	15/6/95	30,800.00	358	330.00		
419-0078	ANNUAL	7/5/94	15/6/95	426,400.00	1055	1,020.00		

Code	UND BAR A	Name	Undara Lava Tube	Location	Cairns			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0042	WINTER	7/5/94	5/9/94	116,500.00	963	550.00		
435-1042	SPRING	5/9/94	12/12/94	92,900.00	948	400.00		
448-3104	SUMMER	12/12/94	21/3/95	81,800.00	826	700.00		
509-5185	AUTUMN	21/3/95	15/6/95	49,800.00	579	540.00		
419-0104	ANNUAL	8/5/94	15/6/95	584,600.00	1451	1,450.00		

Code	UND BAR B	Name	Undara Lava Tube	Location	Cairns			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0147	WINTER	7/5/94	5/9/94	14,400.00	119	500.00		
435-1043	SPRING	5/9/94	12/12/94	82,500.00	842	450.00		
448-3105	SUMMER	12/12/94	21/3/95	97,400.00	984	620.00		
509-5186	AUTUMN	21/3/95	15/6/95	46,300.00	538	430.00		
419-0121	ANNUAL	8/5/94	15/6/95	566,300.00	1405	920.00		

Code	UND BAR C	Name	Undara Lava Tube	Location	Cairns			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0106	WINTER	7/5/94	5/9/94	76,900.00	636	410.00		
435-1044	SPRING	5/9/94	12/12/94	82,300.00	840	430.00		
448-3106	SUMMER	12/12/94	21/3/95	92,400.00	933	510.00		
509-5187	AUTUMN	21/3/95	15/6/95	33,700.00	392	400.00		
419-0057	ANNUAL	8/5/94	15/6/95	551,400.00	1368	1,350.00		

Code	UND BAR D	Name	Undara Lava Tube	Location	Cairns			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0054	WINTER	7/5/94	5/9/94	70,400.00	582	390.00		
435-1045	SPRING	5/9/94	12/12/94	82,300.00	840	360.00		
448-3107	SUMMER	12/12/94	21/3/95	77,100.00	779	450.00		
509-5188	AUTUMN	21/3/95	15/6/95	44,200.00	514	410.00		
419-0092	ANNUAL	8/5/94	15/6/95	815,100.00	2023			

Code	UND BAR E	Name	Undara Lava Tube	Location	Cairns			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0046	WINTER	7/5/94	5/9/94	43,500.00	360	360.00		
435-1046	SPRING	5/9/94	12/12/94	81,700.00	834	370.00		
448-3108	SUMMER	12/12/94	21/3/95	4,950.00	50	540.00		
509-5189	AUTUMN	21/3/95	15/6/95	32,900.00	383	380.00		
419-0075	ANNUAL	8/5/94	15/6/95	372,200.00	924	1,290.00		

Code	UND BAR F	Name	Undara	Lava Tube	Location	Cairns		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0045	WINTER	7/5/94	5/9/94	27,800.00	230	340.00		
435-1047	SPRING	5/9/94	12/12/94	74,800.00	763	380.00		
448-3109	SUMMER	12/12/94	21/3/95	73,200.00	739	530.00		
509-5190	AUTUMN	21/3/95	15/6/95	27,300.00	317	390.00		
419-0129	ANNUAL	8/5/94	15/6/95	337,900.00	838	1,280.00		

Code	UND BAR G	Name	Undara	Lava Tube	Location	Cairns		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0146	WINTER	7/5/94	5/9/94	25,000.00	207	360.00		
435-1048	SPRING	5/9/94	12/12/94	66,100.00	674	400.00		
448-3110	SUMMER	12/12/94	21/3/95	52,100.00	526	2,020.00		
509-5191	AUTUMN	21/3/95	15/6/95	7,700.00	90	360.00		
419-0052	ANNUAL	8/5/94	15/6/95	310,500.00	770	1,330.00		

Code	UND BAR H	Name	Undara	Lava Tube	Location	Cairns		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0124	WINTER	7/5/94	5/9/94	23,800.00	197	250.00		
435-1049	SPRING	5/9/94	12/12/94	72,900.00	744	320.00		
448-3111	SUMMER	12/12/94	21/3/95	33,300.00	336	10.00		
509-5192	AUTUMN	21/3/95	15/6/95	12,600.00	147	340.00		
419-0094	ANNUAL	8/5/94	15/6/95	298,600.00	741	1,020.00		

Code	UND BAR I	Name	Undara	Lava Tube	Location	Cairns		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0148	WINTER	7/5/94	5/9/94	25,200.00	208	360.00		
435-1050	SPRING	5/9/94	12/12/94	62,500.00	638	350.00		
448-3112	SUMMER	12/12/94	21/3/95	83,600.00	844	490.00		
509-6001	AUTUMN	21/3/95	15/6/95	30,800.00	358	410.00		
419-0100	ANNUAL	8/5/94	15/6/95	307,700.00	764	1,170.00		

Code	UND BAR J	Name	Undara	Lava Tube	Location	Cairns		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0077	WINTER	7/5/94	5/9/94	25,000.00	207	390.00		
435-1051	SPRING	5/9/94	12/12/94	75,000.00	765	420.00		
448-3113	SUMMER	12/12/94	21/3/95	12,500.00	126	570.00		
509-6002	AUTUMN	21/3/95	15/6/95	25,900.00	301	420.00		
419-0128	ANNUAL	8/5/94	15/6/95	315,700.00	783	1,330.00		

Code	UND BAR K	Name	Undara	Lava Tube	Location	Cairns		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0028	WINTER	7/5/94	5/9/94	18,100.00	150	350.00		
435-1052	SPRING	5/9/94	12/12/94	61,300.00	626	340.00		
448-3114	SUMMER	12/12/94	21/3/95	29,200.00	295	570.00		
509-6003	AUTUMN	21/3/95	15/6/95	16,100.00	187	400.00		
419-0029	ANNUAL	8/5/94	15/6/95	239,200.00	594			

Code	UND ROA A	Name	Undara	Lava Tube	Location	Cairns		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0032	WINTER	7/5/94	2/9/94	17,500.00	148	310.00		
435-1053	SPRING	2/9/94	12/12/94	23,100.00	229	300.00		
448-3115	SUMMER	12/12/94	21/3/95	23,700.00	239	600.00		
509-6004	AUTUMN	21/3/95	15/6/95	30,800.00	358	320.00		
419-0108	ANNUAL	8/5/94	15/6/95		0	980.00		

Code	UND ROA B	Name	Undara	Lava Tube	Location	Cairns		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0098	WINTER	7/5/94	2/9/94	10,300.00	87	340.00		
435-1055	SPRING	2/9/94	12/12/94	20,600.00	204	310.00		
448-3116	SUMMER	12/12/94	21/3/95	16,400.00	166	450.00		
509-6005	AUTUMN	21/3/95	15/6/95	9,100.00	106	330.00		
419-0126	ANNUAL	8/5/94	15/6/95		0	780.00		

Code	UND WIN A	Name	Undara	Lava Tube	Location	Cairns		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0058	WINTER	7/5/94	2/9/94	16,700.00	142	320.00		
435-1054	SPRING	2/9/94	15/12/94	41,300.00	397	390.00		
448-3117	SUMMER	15/12/94	22/3/95	36,700.00	378	520.00		
509-6006	AUTUMN	22/3/95	15/6/95	10,500.00	124	330.00		
419-0030	ANNUAL	7/5/94	15/6/95	178,100.00	441	850.00		

Code	UND WIN B	Name	Undara	Lava Tube	Location	Cairns		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0125	WINTER	7/5/94	2/9/94	2,000.00	17	280.00		
435-1056	SPRING	2/9/94	15/12/94	0.00	0	380.00		
448-3118	SUMMER	15/12/94	22/3/95	4,170.00	43	850.00		
509-6007	AUTUMN	22/3/95	15/6/95	3,510.00	41	350.00		
419-0127	ANNUAL	7/5/94	15/6/95	12,600.00	31	840.00		

Code	UND WIN C	Name	Undara	Lava Tube	Location	Cairns		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0107	WINTER	8/5/94	2/9/94	13,900.00	119	280.00		
435-1057	SPRING	2/9/94	15/12/94	4,400.00	42	310.00		
448-3119	SUMMER	15/12/94	22/3/95	3,120.00	32	740.00		
509-6008	AUTUMN	22/3/95	15/6/95	3,510.00	41	340.00		
419-0081	ANNUAL	8/5/94	15/6/95	12,000.00	30	1,040.00		

Code	UND WIN D	Name	Undara	Lava Tube	Location	Cairns		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0093	WINTER	8/5/94	2/9/94	1,500.00	13	390.00		
	SPRING							
448-3120	SUMMER	15/12/94	22/3/95	13,000.00	134			
509-6009	AUTUMN	22/3/95	15/6/95	6,300.00	74	280.00		
	ANNUAL							

APPENDIX VI : Radon Concentration (Bq m<sup>-3</sup>) and External Gamma-ray Radiation (µSv) by Cave Monitor Site and Season

Code	CHI DON A	Name	Donna	Location	Chillagoe			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0130	WINTER	6/5/94	5/9/94	3,300.00	27	200.00		
435-0040	SPRING	5/9/94	3/12/94	6,200.00	70	190.00		
450-9125	SUMMER	3/12/94	11/5/95	3,540.00	22	260.00		
	AUTUMN	11/5/95	22/6/95		0			
419-0087	ANNUAL	6/5/94	22/6/95	27,400.00	67	520.00		

Code	CHI DON B	Name	Donna	Location	Chillagoe			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0103	WINTER	6/5/94	5/9/94	2,100.00	17	150.00		
435-0041	SPRING	5/9/94	3/12/94	6,400.00	72	150.00		
450-9128	SUMMER	3/12/94	11/5/95	3,990.00	25	190.00		
	AUTUMN	11/5/95	22/6/95		0	130.00		
419-0048	ANNUAL	16/5/94	22/6/95	33,100.00	82	320.00		

Code	CHI DON C	Name	Donna	Location	Chillagoe			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0041	WINTER	6/5/94	5/9/94	5,100.00	42	160.00		
435-0042	SPRING	5/9/94	3/12/94	10,800.00	121	230.00		
450-9129	SUMMER	3/12/94	11/5/95	4,430.00	28	330.00		
520-1012	AUTUMN	11/5/95	22/6/95	1,300.00	31	170.00		
419-0044	ANNUAL	6/5/94	5/9/94	146,100.00	1198	480.00		

Code	CHI ROY A	Name	Royal	Location	Chillagoe			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0049	WINTER	6/5/94	5/9/94	5,900.00	48	220.00		
435-0043	SPRING	5/9/94	14/12/94	10,000.00	100	270.00		
448-2120	SUMMER	14/12/94	17/3/95	9,800.00	105	260.00		
509-5028	AUTUMN	17/3/95	22/6/95	5,600.00	58			
419-0102	ANNUAL	6/5/94	22/6/95	28,000.00	68	800.00		

Code	CHI ROY B	Name	Royal	Location	Chillagoe			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0040	WINTER	6/5/94	5/9/94	3,800.00	31	170.00		
435-0044	SPRING	5/9/94	14/12/94	8,300.00	83	220.00		
448-2121	SUMMER	14/12/94	17/3/95	9,100.00	98	270.00		
509-5029	AUTUMN	17/3/95	22/6/95	5,600.00	58	290.00		
419-0112	ANNUAL	6/5/94	22/6/95	39,400.00	96	440.00		

Code	CHI ROY C	Name	Royal	Location	Chillagoe			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0039	WINTER	6/5/94	5/9/94	38,700.00	317	230.00		
435-0045	SPRING	5/9/94	14/12/94	99,500.00	995	360.00		
448-2122	SUMMER	14/12/94	17/3/95	54,200.00	583	1,310.00		
509-5030	AUTUMN	17/3/95	22/6/95	57,500.00	593	390.00		
419-0051	ANNUAL	6/5/94	22/6/95	277,400.00	673	800.00		

Code	CHI TEA A	Name	Tea Tree	Location	Chillagoe			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0027	WINTER	6/5/94	5/9/94	80,400.00	659	310.00		
435-0046	SPRING	5/9/94	15/12/94	113,200.00	1121	420.00		
448-2123	SUMMER	14/12/94	16/3/95	29,000.00	315	360.00		
509-5031	AUTUMN	16/3/95	22/6/95	16,100.00	164	380.00		
419-0105	ANNUAL	6/5/94	22/6/95	433,900.00	1053	1,220.00		

Code	CHI TEA B	Name	Tea Tree	Location	Chillagoe			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0145	WINTER	7/5/94	5/9/94	303,300.00	2507	1,530.00		
435-0047	SPRING	5/9/94	14/12/94	354,500.00	3545	740.00		
448-2124	SUMMER	14/12/94	16/3/95	596,700.00	6486	1,000.00		
509-5032	AUTUMN	16/3/95	22/6/95	161,900.00	1652	960.00		
419-0073	ANNUAL	6/5/94	22/6/95		0	3,130.00		

Code	CHI TRE A	Name	Treisau	Location	Chillagoe			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0038	WINTER	6/5/94	5/9/94	3,100.00	25	140.00		
435-0048	SPRING	5/9/94	14/12/94	5,800.00	58	210.00		
448-2125	SUMMER	14/12/94	16/3/95	8,800.00	96	340.00		
509-5033	AUTUMN	16/3/95	22/6/95	2,800.00	29	210.00		
419-0089	ANNUAL	6/5/94	22/6/95	30,300.00	74	400.00		

Code	GUN GUN A	Name	Gunns Plains	Location	Gunns Plains			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
424-0690	WINTER	25/5/94	23/9/94	14,500.00	120	180.00		
435-0049	SPRING	23/9/94	14/12/94	80,900.00	987	300.00		
448-2126	SUMMER	14/12/94	31/3/95	576,000.00	5383	670.00		
509-5034	AUTUMN	31/3/95	29/6/95	72,600.00	807	380.00		
424-0689	ANNUAL	25/5/94	29/6/95	1,056,600.0	2642	1,100.00		

Code	GUN GUN B	Name	Gunns Plains	Location	Gunns Plains			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
424-0682	WINTER	25/5/94	23/9/94	14,500.00	120	210.00		
435-0050	SPRING	23/9/94	14/12/94	79,100.00	965	310.00		
448-2127	SUMMER	14/12/94	31/3/95	498,400.00	4658	490.00		
509-5035	AUTUMN	31/3/95	29/6/95	83,800.00	931	400.00		
424-0691	ANNUAL	25/5/94	29/6/95	796,700.00	1992	1,040.00		

Code	GUN GUN C	Name	Gunns Plains	Location	Gunns Plains			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
424-0692	WINTER	25/5/94	23/9/94	25,300.00	209	160.00		
435-0051	SPRING	23/9/94	14/12/94	93,400.00	1139	310.00		
448-2128	SUMMER	14/12/94	31/3/95	271,800.00	2540	390.00		
509-5036	AUTUMN	31/3/95	29/6/95	79,900.00	888	360.00		
424-0694	ANNUAL	25/5/94	29/6/95	683,900.00	1710	890.00		

Code	GUN	GUN D	Name	Gunns Plains	Location	Gunns Plains	Gunns Plains	Gunns Plains
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
424-0675	WINTER	25/5/94	23/9/94	21,100.00	174	140.00		
435-0052	SPRING	23/9/94	14/12/94	139,900.00	1706	260.00		
448-2129	SUMMER	14/12/94	31/3/95	480,100.00	4487	650.00		
509-5037	AUTUMN	31/3/95	29/6/95	85,300.00	948	390.00		
424-0674	ANNUAL	25/5/94	29/6/95	938,600.00	2347	1,260.00		

Code	GUN	GUN E	Name	Gunns Plains	Location	Gunns Plains	Gunns Plains	Gunns Plains
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
424-0686	WINTER	25/5/94	23/9/94	26,000.00	215	190.00		
435-0053	SPRING	23/9/94	14/12/94	125,900.00	1535	270.00		
448-2130	SUMMER	14/12/94	31/3/95	642,600.00	6006	600.00		
509-5038	AUTUMN	31/3/95	29/6/95	118,400.00	1316	360.00		
424-0693	ANNUAL	25/5/94	29/6/95	1,025,800.0	2565	1,530.00		

Code	GUN	GUN F	Name	Gunns Plains	Location	Gunns Plains	Gunns Plains	Gunns Plains
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
424-0673	WINTER	25/5/94	23/9/94	37,000.00	306	160.00		
435-0054	SPRING	23/9/94	14/12/94	110,100.00	1343	250.00		
448-2131	SUMMER	14/12/94	31/3/95	655,100.00	6122	490.00		
509-5039	AUTUMN	31/3/95	29/6/95			350.00		
424-0685	ANNUAL	25/5/94	29/6/95	1,138,700.0	2847	1,210.00		

Code	GUN	GUN G	Name	Gunns Plains	Location	Gunns Plains	Gunns Plains	Gunns Plains
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
424-0677	WINTER	25/5/94	23/9/94	34,600.00	286	140.00		
435-0055	SPRING	23/9/94	14/12/94	138,400.00	1688	330.00		
448-2132	SUMMER	14/12/94	31/3/95	662,900.00	6195	680.00		
509-5040	AUTUMN	31/3/95	29/6/95	99,400.00	1104	360.00		
424-0676	ANNUAL	25/5/94	29/6/95	1,046,300.0	2616	1,480.00		

Code	GUN	GUN H	Name	Gunns Plains	Location	Gunns Plains	Gunns Plains	Gunns Plains
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
424-0696	WINTER	25/5/94	23/9/94	4,600.00	38	180.00		
435-0056	SPRING	23/9/94	14/12/94	8,600.00	105	280.00		
448-2133	SUMMER	14/12/94	31/3/95					
509-5041	AUTUMN	31/3/95	29/6/95	5,100.00	57	420.00		
424-0695	ANNUAL	25/5/94	29/6/95					

Code	HAS	NEW A	Name	Newdegate	Location	Hastings	Hastings	Hastings
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0437	WINTER	26/5/94	16/9/94	70,700.00	626	250.00		
435-0057	SPRING	16/9/94	9/12/94	101,600.00	1210	360.00		
448-2134	SUMMER	9/12/94	31/3/95	235,900.00	2106	410.00		
509-5042	AUTUMN	31/3/95	28/6/95	105,200.00	1182	580.00		
422-0445	ANNUAL	26/5/94	28/6/95	882,400.00	2217	2,290.00		

Code	HAS	NEW B	Name	Newdegate	Location	Hastings	Hastings	Hastings
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0528	WINTER	26/5/94	16/9/94	54,700.00	484	240.00		
435-0058	SPRING	16/9/94	9/12/94	100,500.00	1196	340.00		
448-2135	SUMMER	9/12/94	31/3/95	377,000.00	3366	70.00		
509-5043	AUTUMN	31/3/95	28/6/95	123,700.00	1390	450.00		
422-0607	ANNUAL	26/5/94	28/6/95	877,800.00	2206	1,290.00		

Code	HAS	NEW C	Name	Newdegate	Location	Hastings	Hastings	Hastings
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0450	WINTER	26/5/94	16/9/94	52,400.00	464	330.00		
435-0059	SPRING	16/9/94	9/12/94	97,800.00	1164	400.00		
448-2136	SUMMER	9/12/94	31/3/95	285,400.00	2548	80.00		
509-5044	AUTUMN	31/3/95	28/6/95					
422-0475	ANNUAL	26/5/94	28/6/95					

Code	HAS	NEW D	Name	Newdegate	Location	Hastings	Hastings	Hastings
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0486	WINTER	26/5/94	16/9/94	76,700.00	679	300.00		
435-0060	SPRING	16/9/94	9/12/94	90,600.00	1079	360.00		
448-2137	SUMMER	9/12/94	31/3/95	372,900.00	3329	90.00		
509-5045	AUTUMN	31/3/95	28/6/95	159,800.00	1796	430.00		
422-0595	ANNUAL	26/5/94	28/6/95	841,800.00	2115	1,850.00		

Code	HAS	NEW E	Name	Newdegate	Location	Hastings	Hastings	Hastings
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0466	WINTER	26/5/94	16/9/94	66,300.00	587	330.00		
435-0061	SPRING	16/9/94	9/12/94	104,900.00	1249	340.00		
448-2138	SUMMER	9/12/94	31/3/95	431,200.00	3850	90.00		
509-5046	AUTUMN	31/3/95	28/6/95	161,700.00	1817	690.00		
422-0497	ANNUAL	26/5/94	28/6/95	1,115,900.0	2804	1,890.00		

Code	HAS	NEW F	Name	Newdegate	Location	Hastings	Hastings	Hastings
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0546	WINTER	26/5/94	16/9/94	94,000.00	832	310.00		
435-0062	SPRING	16/9/94	9/12/94	127,200.00	1514	240.00		
448-2139	SUMMER	9/12/94	31/3/95	414,500.00	3701	140.00		
509-5047	AUTUMN	31/3/95	28/6/95	195,500.00	2197	440.00		
422-0498	ANNUAL	26/5/94	28/6/95	1,107,600.0	2783	1,990.00		

Code	HAS	NEW G	Name	Newdegate	Location	Hastings	Hastings	Hastings
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0479	WINTER	26/5/94	16/9/94	52,900.00	468	250.00		
435-0063	SPRING	16/9/94	9/12/94	113,800.00	1355	320.00		
448-2140	SUMMER	9/12/94	31/3/95	309,300.00	2762	130.00		
509-5048	AUTUMN	31/3/95	28/6/95	116,900.00	1313	320.00		
422-0499	ANNUAL	26/5/94	28/6/95	811,300.00	2038	1,750.00		

APPENDIX VI : Radon Concentration (Bq m<sup>-3</sup>) and External Gamma-ray Radiation (µSv) by Cave Monitor Site and Season

Code	HAS NEW H	Name	Newdegate	Location Hastings			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0495	WINTER	26/5/94	16/9/94	92,300.00	817	290.00	
435-0064	SPRING	16/9/94	9/12/94	118,500.00	1411	440.00	
448-2141	SUMMER	9/12/94	31/3/95	415,000.00	3705	100.00	
509-5049	AUTUMN	31/3/95	28/6/95	187,100.00	2102	690.00	
422-0496	ANNUAL	26/5/94	28/6/95	1,680,400.0	6735	1,860.00	

Code	JEN JEN A	Name	Guide Office	Location Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0407	WINTER	19/5/94	22/8/94	4,300.00	45	220.00	
435-0065	SPRING	22/8/94	5/12/94	1,600.00	15	240.00	
448-2142	SUMMER	5/12/94	16/3/95	2,100.00	21	490.00	
509-5050	AUTUMN	16/3/95	1/6/95	4,570.00	59	360.00	
422-0430	ANNUAL	26/5/94	1/6/95	5,100.00	14	750.00	

Code	JEN NTH A	Name	Jenolan Nth	Location Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0488	WINTER	19/5/94	22/8/94	6,300.00	66	170.00	
435-0066	SPRING	22/8/94	5/12/94	37,000.00	352	260.00	
448-2143	SUMMER	5/12/94	16/3/95	49,800.00	493	300.00	
509-5051	AUTUMN	16/3/95	1/6/95	16,100.00	209	350.00	
422-0430	ANNUAL	19/5/94	1/6/95	5,100.00	13	750.00	

Code	JEN NTH B	Name	Jenolan Nth	Location Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0455	WINTER	19/5/94	22/8/94	9,900.00	104	190.00	
435-0067	SPRING	22/8/94	5/12/94	27,600.00	263	280.00	
448-2144	SUMMER	5/12/94	16/3/95	60,800.00	602	320.00	
509-5052	AUTUMN	16/3/95	1/6/95	25,200.00	327	370.00	
422-0476	ANNUAL	19/5/94	1/6/95	291,000.00	770	730.00	

Code	JEN NTH C	Name	Jenolan Nth	Location Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0588	WINTER	19/5/94	24/8/94	8,400.00	87	120.00	
435-0068	SPRING	24/8/94	5/12/94	19,100.00	185	200.00	
448-2145	SUMMER	5/12/94	16/3/95	53,500.00	530	280.00	
509-5053	AUTUMN	16/3/95	1/6/95	14,000.00	182	350.00	
422-0444	ANNUAL	19/5/94	1/6/95	253,100.00	670	580.00	

Code	JEN NTH D	Name	Jenolan Nth	Location Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0532	WINTER	19/5/94	24/8/94	11,900.00	123	160.00	
435-0069	SPRING	24/8/94	5/12/94	58,700.00	570	270.00	
448-2146	SUMMER	5/12/94	16/3/95	183,600.00	1818	230.00	
509-5054	AUTUMN	16/3/95	1/6/95	37,900.00	492	380.00	
422-0439	ANNUAL	19/5/94	1/6/95	588,700.00	1557	670.00	

Code	JEN NTH E	Name	Jenolan Nth	Location Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0413	WINTER	19/5/94	24/8/94	82,500.00	851	300.00	
435-0070	SPRING	24/8/94	5/12/94	55,900.00	543	510.00	
448-2147	SUMMER	5/12/94	16/3/95	207,800.00	2057	300.00	
509-5055	AUTUMN	16/3/95	1/6/95	151,400.00	1966	580.00	
422-0570	ANNUAL	19/5/94	1/6/95	859,100.00	2273	1,900.00	

Code	JEN NTH F	Name	Jenolan Nth	Location Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0405	WINTER	19/5/94	24/8/94	81,600.00	841	230.00	
435-0071	SPRING	24/8/94	5/12/94	153,300.00	1488	250.00	
448-2148	SUMMER	5/12/94	16/3/95	40,400.00	400	490.00	
509-5056	AUTUMN	16/3/95	1/6/95	150,700.00	1957	620.00	
422-0548	ANNUAL	19/5/94	1/6/95	937,100.00	2479	1,500.00	

Code	JEN NTH G	Name	Jenolan Nth	Location Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0409	WINTER	19/5/94	24/8/94	51,400.00	530	170.00	
435-0072	SPRING	24/8/94	5/12/94	112,800.00	1095	250.00	
448-2149	SUMMER	5/12/94	16/3/95	262,800.00	2602	450.00	
509-5057	AUTUMN	16/3/95	1/6/95	87,600.00	1138	440.00	
422-0484	ANNUAL	19/5/94	1/6/95	853,800.00	2259	1,570.00	

Code	JEN NTH H	Name	Jenolan Nth	Location Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0512	WINTER	19/5/94	24/8/94	108,000.00	1113	200.00	
435-0073	SPRING	24/8/94	5/12/94	154,100.00	1496	330.00	
448-2150	SUMMER	5/12/94	16/3/95	240,100.00	2377	570.00	
509-5058	AUTUMN	16/3/95	1/6/95	154,200.00	2003	600.00	
422-0401	ANNUAL	19/5/94	1/6/95	1,032,300.0	2731	800.00	

Code	JEN NTH I	Name	Jenolan Nth	Location Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0492	WINTER	19/5/94	24/8/94	112,600.00	1161	150.00	
435-0074	SPRING	24/8/94	5/12/94	144,600.00	1404	260.00	
448-2151	SUMMER	5/12/94	16/3/95	98,700.00	977	3,010.00	
509-5059	AUTUMN	16/3/95	1/6/95	148,600.00	1930	420.00	
422-0426	ANNUAL	19/5/94	1/6/95	251,100.00	664	630.00	

Code	JEN NTH J	Name	Jenolan Nth	Location Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0578	WINTER	19/5/94	24/8/94	76,700.00	791	240.00	
435-0075	SPRING	24/8/94	5/12/94	155,500.00	1510	370.00	
448-2152	SUMMER	5/12/94	16/3/95	241,700.00	2393	80.00	
509-5060	AUTUMN	16/3/95	1/6/95	124,100.00	1612	500.00	
422-0431	ANNUAL	19/5/94	1/6/95	826,500.00	2187	1,760.00	

Code	JEN NTH K	Name	Jenolan Nth	Location	Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0398	WINTER	19/5/94	24/8/94	80,600.00	831	270.00		
435-0076	SPRING	24/8/94	5/12/94	93,800.00	911	440.00		
448-2153	SUMMER	5/12/94	16/3/95	30,900.00	306	740.00		
509-5061	AUTUMN	16/3/95	1/6/95	119,900.00	1557	570.00		
422-0403	ANNUAL	19/5/94	1/6/95	929,100.00	2458	1,520.00		

Code	JEN NTH L	Name	Jenolan Nth	Location	Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0613	WINTER	19/5/94	24/8/94	98,300.00	1013	250.00		
435-0077	SPRING	24/8/94	5/12/94	48,800.00	474	520.00		
448-2154	SUMMER	5/12/94	16/3/95	297,900.00	2950	880.00		
509-5062	AUTUMN	16/3/95	1/6/95	173,200.00	2249	1,090.00		
422-0555	ANNUAL	19/5/94	1/6/95	1,073,600.00	2840	2,320.00		

Code	JEN NTH M	Name	Jenolan Nth	Location	Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0539	WINTER	19/5/94	24/8/94	7,000.00	72	160.00		
435-0078	SPRING	22/8/94	5/12/94	30,900.00	294	220.00		
448-2155	SUMMER	5/12/94	16/3/95	78,800.00	780	750.00		
509-5063	AUTUMN	16/3/95	1/6/95	24,500.00	318	440.00		
	ANNUAL	19/5/94	1/6/95		0			

Code	JEN NTH N	Name	Jenolan Nth	Location	Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0521	WINTER	19/5/94	22/8/94	19,700.00	207	150.00		
435-0079	SPRING	22/8/94	5/12/94	47,700.00	454	220.00		
448-2156	SUMMER	5/12/94	16/3/95	437,700.00	4334	330.00		
509-5064	AUTUMN	16/3/95	1/6/95	56,800.00	738	430.00		
422-0571	ANNUAL	19/5/94	1/6/95	457,500.00	1210	630.00		

Code	JEN NTH P	Name	Jenolan Nth	Location	Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0573	WINTER	19/5/94	22/8/94	25,700.00	271	190.00		
435-0080	SPRING	22/8/94	5/12/94	83,900.00	799	330.00		
448-2157	SUMMER	5/12/94	16/3/95	157,600.00	1560	930.00		
509-5065	AUTUMN	16/3/95	1/6/95	77,100.00	1001	510.00		
422-0425	ANNUAL	19/5/94	1/6/95	819,800.00	2169	1,310.00		

Code	JEN SOU A	Name	Jenolan S	Location	Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0414	WINTER	19/5/94	23/8/94	5,300.00	55	120.00		
435-0081	SPRING	23/8/94	6/12/94	22,400.00	213	180.00		
448-2158	SUMMER	6/12/94	16/3/95	61,300.00	613	300.00		
509-5066	AUTUMN	16/3/95	1/6/95	6,700.00	87	280.00		
422-0453	ANNUAL	19/4/94	1/6/95	59,600.00	146	500.00		

Code	JEN SOU B	Name	Jenolan S	Location	Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0550	WINTER	19/5/94	23/8/94	27,000.00	281	180.00		
435-0082	SPRING	23/8/94	6/12/94	58,900.00	561	420.00		
448-2159	SUMMER	6/12/94	16/3/95	174,400.00	1744	870.00		
509-5067	AUTUMN	16/3/95	1/6/95	26,500.00	344	410.00		
422-0566	ANNUAL	19/4/94	1/6/95	40,900.00	100	200.00		

Code	JEN SOU C	Name	Jenolan S	Location	Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0585	WINTER	19/5/94	23/8/94					
435-1083	SPRING	23/8/94	6/12/94	30,400.00	290	220.00		
448-2160	SUMMER	6/12/94	16/3/95	271,700.00	2717	750.00		
509-5068	AUTUMN	16/3/95	1/6/95	41,600.00	540	480.00		
422-0449	ANNUAL	19/4/94	1/6/95					

Code	JEN SOU D	Name	Jenolan S	Location	Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0451	WINTER	19/5/94	23/8/94	13,300.00	139	100.00		
435-0084	SPRING	23/8/94	6/12/94	46,100.00	439	210.00		
448-2161	SUMMER	6/12/94	16/3/95	152,000.00	1520	380.00		
509-5069	AUTUMN	16/3/95	1/6/95					
422-0609	ANNUAL	19/4/94	1/6/95					

Code	JEN SOU E	Name	Jenolan S	Location	Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0494	WINTER	19/5/94	23/8/94	16,600.00	173	170.00		
435-0085	SPRING	23/8/94	6/12/94	38,100.00	363	260.00		
448-2162	SUMMER	6/12/94	16/3/95	38,100.00	381	1,080.00		
509-5070	AUTUMN	16/3/95	1/6/95	18,200.00	236	310.00		
422-0457	ANNUAL	19/4/94	1/6/95					

Code	JEN SOU F	Name	Jenolan S	Location	Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0461	WINTER	19/5/94	23/8/94	11,000.00	115	170.00		
435-0086	SPRING	23/8/94	6/12/94	31,700.00	302	200.00		
448-2163	SUMMER	6/12/94	16/3/95	135,400.00	1354	260.00		
509-5071	AUTUMN	16/3/95	1/6/95	20,400.00	265	220.00		
422-0402	ANNUAL	19/4/94	1/6/95	93,400.00	229	510.00		

Code	JEN SOU G	Name	Jenolan S	Location	Jenolan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0417	WINTER	19/5/94	23/8/94					
435-0087	SPRING	23/8/94	6/12/94	30,400.00	290	270.00		
448-2164	SUMMER	6/12/94	16/3/95	108,900.00	1089	790.00		
509-5072	AUTUMN	16/3/95	1/6/95	17,500.00	227	260.00		
422-0412	ANNUAL	19/4/94	1/6/95					

APPENDIX VI : Radon Concentration (Bq m<sup>-3</sup>) and External Gamma-ray Radiation (µSv) by Cave Monitor Site and Season

Code	JEN SOU H	Name	Jenolan S	Location	Jenolan	Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
						422-0481	WINTER	19/5/94	23/8/94	145,300.00	1514	380.00
						435-0088	SPRING	23/8/94	6/12/94	104,500.00	995	420.00
						448-2165	SUMMER	6/12/94	16/3/95	102,400.00	1024	480.00
						509-5073	AUTUMN	16/3/95	1/6/95	65,800.00	855	450.00
						422-0518	ANNUAL	19/4/94	1/6/95	207,300.00	508	1,280.00

Code	JEN SOU I	Name	Jenolan S	Location	Jenolan	Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
						422-0441	WINTER	19/5/94	23/8/94	14,400.00	150	180.00
						435-0089	SPRING	23/8/94	6/12/94	49,100.00	468	210.00
						448-2166	SUMMER	6/12/94	16/3/95	202,000.00	2020	250.00
						509-5074	AUTUMN	16/3/95	1/6/95	33,300.00	432	310.00
						422-0530	ANNUAL	19/4/94	1/6/95	132,000.00	324	680.00

Code	JEN SOU J	Name	Jenolan S	Location	Jenolan	Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
						422-0614	WINTER	19/5/94	24/8/94			
						435-0104	SPRING	23/8/94	6/12/94	68,200.00	650	250.00
						448-2167	SUMMER	6/12/94	16/3/95	188,400.00	1884	890.00
						509-5075	AUTUMN	16/3/95	1/6/95	38,100.00	495	350.00
						422-0535	ANNUAL	19/4/94	1/6/95	167,600.00	411	1,340.00

Code	JEN SOU K	Name	Jenolan S	Location	Jenolan	Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
						422-0487	WINTER	19/5/94	23/8/94	26,000.00	271	210.00
						435-0105	SPRING	23/8/94	6/12/94	110,100.00	1049	510.00
						448-2168	SUMMER	6/12/94	16/3/95	285,700.00	2857	1,150.00
						509-5076	AUTUMN	16/3/95	1/6/95	28,800.00	374	510.00
						422-0551	ANNUAL	19/4/94	1/6/95	211,600.00	519	2,220.00

Code	JEN SOU L	Name	Jenolan S	Location	Jenolan	Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
						422-0503	WINTER	19/5/94	23/8/94	50,600.00	527	190.00
						435-0106	SPRING	23/8/94	6/12/94	183,300.00	1746	530.00
						448-2169	SUMMER	6/12/94	16/3/95	330,600.00	3306	1,230.00
						509-5077	AUTUMN	16/3/95	1/6/95	120,100.00	1560	630.00
						422-0478	ANNUAL	19/4/94	1/6/95	261,800.00	642	2,130.00

Code	JEN SOU M	Name	Jenolan S	Location	Jenolan	Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
						422-0436	WINTER	19/5/94	23/8/94	427,400.00	4452	550.00
						435-0107	SPRING	23/8/94	6/12/94	503,700.00	4797	940.00
						448-2170	SUMMER	6/12/94	16/3/95	167,900.00	1679	610.00
						509-5078	AUTUMN	16/3/95	1/6/95	105,400.00	1369	690.00
						422-0582	ANNUAL	19/4/94	1/6/95	324,800.00	796	2,610.00

Code	JEN SOU N	Name	Jenolan S	Location	Jenolan	Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
						422-0538	WINTER	19/5/94	23/8/94	265,100.00	2761	1,050.00
						435-0108	SPRING	23/8/94	6/12/94	333,200.00	3173	1,220.00
						448-2171	SUMMER	6/12/94	16/3/95	191,700.00	1917	960.00
						509-5079	AUTUMN	16/3/95	1/6/95	42,700.00	555	920.00
						422-0404	ANNUAL	19/4/94	1/6/95	341,700.00	838	2,970.00

Code	JEN SOU P	Name	Jenolan S	Location	Jenolan	Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
						422-0545	WINTER	19/5/94	23/8/94	240,600.00	2506	620.00
						435-0109	SPRING	23/8/94	6/12/94	298,600.00	2844	630.00
						448-2172	SUMMER	6/12/94	16/3/95	216,300.00	2163	590.00
						509-5080	AUTUMN	16/3/95	1/6/95	112,500.00	1461	660.00
						422-0470	ANNUAL	19/4/94	1/6/95	306,300.00	751	1,410.00

Code	JEN SOU Q	Name	Jenolan S	Location	Jenolan	Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
						422-0563	WINTER	19/5/94	23/8/94	56,200.00	585	220.00
						435-0110	SPRING	23/8/94	6/12/94	103,800.00	989	370.00
						448-2173	SUMMER	6/12/94	16/3/95	196,100.00	1961	710.00
						509-5081	AUTUMN	16/3/95	1/6/95	94,300.00	1225	590.00
						422-0522	ANNUAL	19/4/94	1/6/95	227,800.00	558	1,920.00

Code	JEN SOU R	Name	Jenolan S	Location	Jenolan	Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
						422-0447	WINTER	19/5/94	23/8/94	51,700.00	539	260.00
						435-0111	SPRING	23/8/94	6/12/94	171,000.00	1629	710.00
						448-3001	SUMMER	6/12/94	16/3/95	394,800.00	3948	2,670.00
						509-5082	AUTUMN	16/3/95	1/6/95	47,700.00	619	780.00
						422-0580	ANNUAL	19/4/94	1/6/95	279,200.00	684	2,740.00

Code	JEN SOU S	Name	Jenolan S	Location	Jenolan	Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
						422-0471	WINTER	19/5/94	24/9/94	32,700.00	255	130.00
						435-0112	SPRING	24/8/94	6/12/94	91,600.00	881	350.00
						448-3002	SUMMER	6/12/94	16/3/95	93,500.00	935	860.00
						509-5083	AUTUMN	16/3/95	1/6/95	33,900.00	440	390.00
							ANNUAL	19/4/94	1/6/95			

Code	JEN SOU T	Name	Jenolan S	Location	Jenolan	Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
						422-0460	WINTER	19/5/94	24/9/94	31,900.00	249	170.00
						435-0113	SPRING	24/9/94	6/12/94	81,700.00	1119	270.00
						448-3003	SUMMER	6/12/94	16/3/95	215,600.00	2156	800.00
						509-5084	AUTUMN	16/3/95	1/6/95	58,100.00	755	380.00
						422-0592	ANNUAL	19/4/94	1/6/95	203,600.00	499	690.00

Code	JEN SOU U	Name	Jenolan S	Location Jenolan		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
422-0485	WINTER	19/5/94	24/9/94	52,600.00	411	150.00
435-0114	SPRING	24/9/94	6/12/94	150,400.00	2060	450.00
448-3004	SUMMER	6/12/94	16/3/95	239,800.00	2398	780.00
509-5085	AUTUMN	16/3/95	1/6/95	74,300.00	965	350.00
422-0395	ANNUAL	19/4/94	1/6/95			

Code	JEN SOU W	Name	Jenolan S	Location Jenolan		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
422-0572	WINTER	19/5/94	24/9/94	60,400.00	472	180.00
435-0115	SPRING	24/9/94	6/12/94	82,800.00	1134	350.00
448-3005	SUMMER	6/12/94	16/3/95	126,300.00	1263	770.00
509-5086	AUTUMN	16/3/95	1/6/95	13,500.00	175	420.00
422-0564	ANNUAL	19/4/94	1/6/95	236,600.00	580	1,380.00

Code	JEN SOU X	Name	Jenolan S	Location Jenolan		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
422-0448	WINTER	19/5/94	23/8/94	45,600.00	475	110.00
435-0116	SPRING	23/8/94	6/12/94	159,400.00	1518	250.00
448-3006	SUMMER	6/12/94	16/3/95	175,200.00	1752	230.00
509-5087	AUTUMN	16/3/95	1/6/95			270.00
422-0493	ANNUAL	19/4/94	1/6/95	190,000.00	466	550.00

Code	KAT CUT A	Name	Cutta Cutta	Location Katherine		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
WINTER						
SPRING						
450-9103	SUMMER	16/12/94	30/3/95	4,870.00	47	270.00
512-6135	AUTUMN	30/3/95				
450-9114	ANNUAL	16/12/94				

Code	KAT CUT B	Name	Cutta Cutta	Location Katherine		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
WINTER						
SPRING						
450-9104	SUMMER	16/12/94	30/3/95	19,500.00	188	370.00
512-6136	AUTUMN	30/3/95				
450-9115	ANNUAL	16/12/94				

Code	KAT CUT C	Name	Cutta Cutta	Location Katherine		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
WINTER						
SPRING						
450-9105	SUMMER	16/12/94	30/3/95	29,700.00	286	330.00
512-6137	AUTUMN	30/3/95				
450-9116	ANNUAL	16/12/94				

Code	KAT CUT D	Name	Cutta Cutta	Location Katherine		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
WINTER						
SPRING						
450-9106	SUMMER	16/12/94	30/3/95	32,300.00	311	330.00
512-6138	AUTUMN	30/3/95				
450-9117	ANNUAL	16/12/94				

Code	KAT CUT E	Name	Cutta Cutta	Location Katherine		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
WINTER						
SPRING						
450-9107	SUMMER	16/12/94	30/3/95	35,000.00	337	420.00
512-6139	AUTUMN	30/3/95				
450-9118	ANNUAL	16/12/94				

Code	KAT TIN A	Name	Tindall	Location Katherine		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
WINTER						
SPRING						
450-9108	SUMMER	16/12/94	30/3/95	17,700.00	170	340.00
512-6140	AUTUMN	30/3/95				
450-9119	ANNUAL	16/12/94				

Code	KAT TIN B	Name	Tindall	Location Katherine		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
WINTER						
SPRING						
450-9109	SUMMER	16/12/94	30/3/95	15,100.00	145	410.00
512-6141	AUTUMN	30/3/95				
450-9120	ANNUAL	16/12/94				

Code	KAT TIN C	Name	Tindall	Location Katherine		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
WINTER						
SPRING						
450-9110	SUMMER	16/12/94	30/3/95	9,300.00	89	320.00
512-6142	AUTUMN	30/3/95				
450-9121	ANNUAL	16/12/94				

Code	KAT TIN D	Name	Tindall	Location Katherine		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
WINTER						
SPRING						
450-9111	SUMMER	16/12/94	30/3/95	9,700.00	93	370.00
512-6143	AUTUMN	30/3/95				
450-9122	ANNUAL	16/12/94				

APPENDIX VI : Radon Concentration (Bq m<sup>-3</sup>) and External Gamma-ray Radiation (µSv) by Cave Monitor Site and Season

Code	KAT TIN E	Name	Tindall	Location	Katherine			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
	WINTER							
	SPRING							
450-9112	SUMMER	16/12/94	30/3/95	1,330.00	13	400.00		
512-6144	AUTUMN	30/3/95						
450-9123	ANNUAL	16/12/94						

Code	KAT TIN F	Name	Tindall	Location	Katherine			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
	WINTER							
	SPRING							
450-9113	SUMMER	16/12/94	30/3/95	2,220.00	21	400.00		
512-6145	AUTUMN	30/3/95						
450-9124	ANNUAL	16/12/94						

Code	KEL MTT A	Name	K9	Location	Kelly Hill			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
	WINTER							
435-1150	SPRING	6/9/94	12/12/94	52,100.00	537	230.00		
450-9102	SUMMER	12/12/94	21/3/95	56,700.00	573	240.00		
509-5095	AUTUMN	21/3/95	26/6/95	11,200.00	115	310.00		
435-1164	ANNUAL	6/9/94	26/6/95	333,500.00	1138	580.00		

Code	KEL HIL A	Name	Kelly Hill	Location	Kelly Hill			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
	WINTER							
435-1143	SPRING	6/9/94	12/12/94					
450-9095	SUMMER	12/12/94	21/3/95	41,900.00	423	250.00		
509-5088	AUTUMN	21/3/95	26/6/95	15,400.00	159	300.00		
435-1157	ANNUAL	6/9/94	26/6/95	223,400.00	762	590.00		

Code	KEL HIL B	Name	Kelly Hill	Location	Kelly Hill			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
	WINTER							
435-1144	SPRING	6/9/94	12/12/94	71,500.00	737	210.00		
450-9096	SUMMER	12/12/94	21/3/95	79,700.00	805	300.00		
509-5089	AUTUMN	21/3/95	26/6/95	49,100.00	506	270.00		
435-1158	ANNUAL	6/9/94	26/6/95	335,100.00	1144	620.00		

Code	KEL HIL C	Name	Kelly Hill	Location	Kelly Hill			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
	WINTER							
435-1145	SPRING	6/9/94	12/12/94	39,000.00	402	190.00		
450-9097	SUMMER	12/12/94	21/3/95	25,000.00	253	250.00		
509-5090	AUTUMN	21/3/95	26/6/95	43,500.00	448	310.00		
435-1159	ANNUAL	6/9/94	26/6/95	197,700.00	675	640.00		

Code	KEL HIL D	Name	Kelly Hill	Location	Kelly Hill			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
	WINTER							
435-1146	SPRING	6/9/94	12/12/94	43,300.00	446	130.00		
450-9098	SUMMER	12/12/94	21/3/95	45,900.00	464	190.00		
509-5091	AUTUMN	21/3/95	26/6/95	7,700.00	79	230.00		
435-1160	ANNUAL	6/9/94	26/6/95	213,200.00	728	320.00		

Code	KEL HIL E	Name	Kelly Hill	Location	Kelly Hill			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
	WINTER							
435-1147	SPRING	6/9/94	12/12/94	31,400.00	324	160.00		
450-9099	SUMMER	12/12/94	21/3/95	19,100.00	193	200.00		
509-5092	AUTUMN	21/3/95	26/6/95	19,600.00	202	260.00		
435-1161	ANNUAL	6/9/94	26/6/95	140,700.00	480	400.00		

Code	KEL HIL F	Name	Kelly Hill	Location	Kelly Hill			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
	WINTER							
435-1148	SPRING	6/9/94	12/12/94	27,500.00	284	170.00		
450-9100	SUMMER	12/12/94	21/3/95	44,500.00	449	260.00		
509-5093	AUTUMN	21/3/95	26/6/95	42,100.00	434	250.00		
435-1162	ANNUAL	6/9/94	26/6/95	186,900.00	638	470.00		

Code	KEL K09 A	Name	Mount Taylor	Location	Kelly Hill			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
	WINTER							
435-1149	SPRING	6/9/94	12/12/94	28,300.00	292	160.00		
450-9101	SUMMER	12/12/94	21/3/95	37,400.00	378	210.00		
509-5094	AUTUMN	21/3/95	26/6/95	21,000.00	216	240.00		
435-1163	ANNUAL	6/9/94	26/6/95	184,200.00	629	390.00		

Code	MAR JEW A	Name	Jewel	Location	Margaret R			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0855	WINTER	14/5/94	6/9/94	129,900.00	1130	180.00		
435-0117	SPRING	6/9/94	1/5/95	250,500.00	1057	400.00		
448-3015	SUMMER							
509-5096	AUTUMN	1/5/95	22/6/95	48,900.00	940	410.00		
422-0157	ANNUAL	14/5/94	22/6/95	575,900.00	1425	450.00		

Code	MAR JEW B	Name	Jewel	Location	Margaret R			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0844	WINTER	14/5/94	6/9/94	138,100.00	1201	160.00		
435-0118	SPRING	6/9/94	1/5/95	270,600.00	1142	430.00		
448-3016	SUMMER							
509-5097	AUTUMN	1/5/95	22/6/95	43,600.00	838	410.00		
422-0066	ANNUAL	14/5/94	22/6/95	676,400.00	1674	520.00		

Code	MAR JEW C	Name	Jewel	Location	Margaret R			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0153	WINTER	14/5/94	6/9/94					
435-0119	SPRING	6/9/94	1/5/95	292,100.00	1232	600.00		
448-3017	SUMMER							
509-5098	AUTUMN	1/5/95	22/6/95	55,400.00	1065	500.00		
422-0143	ANNUAL	14/5/94	22/6/95	778,100.00	1926	720.00		

Code	MAR JEW D	Name	Jewel	Location	Margaret R			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0063	WINTER	14/5/94	6/9/94	131,100.00	1140	170.00		
435-0120	SPRING	6/9/94	1/5/95	278,500.00	1175	340.00		
448-3018	SUMMER							
509-5099	AUTUMN	1/5/95	22/6/95	15,900.00	306	410.00		
422-0851	ANNUAL	14/5/94	22/6/95	664,600.00	1645	480.00		

Code	MAR JEW E	Name	Jewel	Location	Margaret R			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0164	WINTER	14/5/94	6/9/94	104,700.00	910	170.00		
435-0121	SPRING	6/9/94	1/5/95	244,400.00	1031	380.00		
448-3019	SUMMER							
509-5100	AUTUMN	1/5/95	22/6/95	18,600.00	358	460.00		
422-0776	ANNUAL	14/5/94	22/6/95	553,800.00	1371	510.00		

Code	MAR JEW F	Name	Jewel	Location	Margaret R			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0857	WINTER	14/5/94	6/9/94	95,300.00	829	140.00		
435-0122	SPRING	6/9/94	1/5/95	226,000.00	954	290.00		
448-3020	SUMMER							
509-5101	AUTUMN	1/5/95	22/6/95	15,800.00	304	420.00		
422-0774	ANNUAL	14/5/94	22/6/95	454,100.00	1124	490.00		

Code	MAR JEW G	Name	Jewel	Location	Margaret R			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0175	WINTER	14/5/94	6/9/94	70,900.00	617	220.00		
435-0123	SPRING	6/9/94	1/5/95	182,200.00	769	500.00		
448-3021	SUMMER							
509-5102	AUTUMN	1/5/95	22/6/95	20,900.00	402	430.00		
422-0179	ANNUAL	14/5/94	22/6/95	434,700.00	1076	650.00		

Code	MAR JEW H	Name	Jewel	Location	Margaret R			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0118	WINTER	14/5/94	6/9/94	79,800.00	694	310.00		
435-0124	SPRING	6/9/94	1/5/95	187,400.00	791	680.00		
448-3022	SUMMER							
509-5103	AUTUMN	1/5/95	22/6/95	4,660.00	90	470.00		
422-0132	ANNUAL	14/5/94	22/6/95	274,100.00	678	1,000.00		

Code	MAR JEW I	Name	Jewel	Location	Margaret R			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0866	WINTER	14/5/94	6/9/94	79,100.00	688	200.00		
435-0125	SPRING	6/9/94	1/5/95	213,700.00	902	460.00		
448-3023	SUMMER							
509-5104	AUTUMN	1/5/95	22/6/95	18,600.00	358	440.00		
422-0854	ANNUAL	14/5/94	22/6/95	345,000.00	854	770.00		

Code	MAR LAK A	Name	Lake Cave	Location	Margaret R			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0849	WINTER	15/5/94	6/9/94	8,700.00	76	150.00		
435-0126	SPRING	6/9/94	1/5/95	190,100.00	802	410.00		
448-3024	SUMMER							
509-5105	AUTUMN	1/5/95	20/6/95	49,100.00	982	450.00		
422-0823	ANNUAL	15/5/94	20/6/95	27,300.00	68	140.00		

Code	MAR LAK B	Name	Lake Cave	Location	Margaret R			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0800	WINTER	15/5/94	6/9/94	6,100.00	54	110.00		
435-0127	SPRING	6/9/94	1/5/95	110,800.00	468	360.00		
448-3025	SUMMER							
509-5106	AUTUMN	1/5/95	20/6/95	3,510.00	70	370.00		
422-0119	ANNUAL	15/5/94	20/6/95	153,800.00	384	380.00		

Code	MAR LAK C	Name	Lake Cave	Location	Margaret R			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0794	WINTER	15/5/94	6/9/94	8,000.00	70	140.00		
435-0128	SPRING	6/9/94	1/5/95	140,600.00	593	400.00		
448-3026	SUMMER							
509-5107	AUTUMN	1/5/95	20/6/95	10,500.00	210	390.00		
422-0173	ANNUAL	15/5/94	20/6/95	221,800.00	553	450.00		

Code	MAR MAM A	Name	Mammoth	Location	Margaret R			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0141	WINTER	15/5/94	6/9/94	2,900.00	25	120.00		
435-0129	SPRING	6/9/94	1/5/95	11,400.00	48	330.00		
448-3027	SUMMER							
509-5108	AUTUMN	1/5/95	20/6/95	6,300.00	126	440.00		
422-0172	ANNUAL	15/5/94	20/6/95	28,600.00	71	410.00		

Code	MAR MAM B	Name	Mammoth	Location	Margaret R			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0845	WINTER	15/5/94	6/9/94	3,600.00	32	80.00		
435-0130	SPRING	6/9/94	1/5/95	13,600.00	57	270.00		
448-3028	SUMMER							
509-5109	AUTUMN	1/5/95	20/6/95	2,800.00	56	330.00		
422-0858	ANNUAL	15/5/94	20/6/95	26,000.00	65	260.00		

APPENDIX VI : Radon Concentration (Bq m<sup>-3</sup>) and External Gamma-ray Radiation (µSv) by Cave Monitor Site and Season

Code	MAR	MAM	C	Name	Mammoth	Location	Margaret	R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0160	WINTER	15/5/94	6/9/94	3,100.00	27	180.00		
435-0131	SPRING	6/9/94	1/5/95	6,100.00	26	330.00		
448-3029	SUMMER							
509-5110	AUTUMN	1/5/95	20/6/95	3,510.00	70	380.00		
422-0170	ANNUAL	15/5/94	20/6/95	30,000.00	75	430.00		

Code	MAR	MAM	D	Name	Mammoth	Location	Margaret	R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0856	WINTER	15/5/94	6/9/94	3,300.00	29	120.00		
435-0132	SPRING	6/9/94	1/5/95	10,100.00	43	270.00		
448-3030	SUMMER							
509-5111	AUTUMN	1/5/95	20/6/95	16,100.00	322	300.00		
422-0158	ANNUAL	15/5/94	20/6/95	19,300.00	48	280.00		

Code	MAR	MAM	E	Name	Mammoth	Location	Margaret	R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0795	WINTER	15/5/94	6/9/94	3,100.00	27	220.00		
435-0133	SPRING	6/9/94	1/5/95	13,100.00	55	530.00		
448-3031	SUMMER							
509-5112	AUTUMN	1/5/95	20/6/95	5,600.00	112	460.00		
422-0174	ANNUAL	15/5/94	20/6/95	34,000.00	85	880.00		

Code	MAR	MOO	A	Name	Moon	Location	Margaret	R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0865	WINTER	14/5/94	6/9/94	41,900.00	364	160.00		
435-0134	SPRING	6/9/94	1/5/95	197,500.00	833	390.00		
448-3032	SUMMER							
509-5113	AUTUMN	1/5/95	22/6/95	22,400.00	431	350.00		
422-0142	ANNUAL	14/5/94	22/6/95	386,900.00	958	530.00		

Code	MAR	MOO	B	Name	Moon	Location	Margaret	R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0176	WINTER	14/5/94	6/9/94	96,000.00	835	200.00		
435-0135	SPRING	6/9/94	1/5/95	296,900.00	1253	520.00		
448-3033	SUMMER							
509-5114	AUTUMN	1/5/95	22/6/95	32,200.00	619	370.00		
422-0771	ANNUAL	14/5/94	22/6/95	622,700.00	1541	610.00		

Code	MAR	MOO	C	Name	Moon	Location	Margaret	R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0850	WINTER	14/5/94	6/9/94	52,600.00	457	150.00		
435-0136	SPRING	6/9/94	1/5/95	234,700.00	990	410.00		
448-3034	SUMMER							
509-5115	AUTUMN	1/5/95	22/6/95	22,400.00	431	390.00		
422-0120	ANNUAL	14/5/94	22/6/95	393,600.00	974	540.00		

Code	MAR	MOO	D	Name	Moon	Location	Margaret	R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0116	WINTER	14/5/94	6/9/94	41,200.00	358	140.00		
435-0137	SPRING	6/9/94	1/5/95	108,200.00	457	320.00		
448-3035	SUMMER							
509-5116	AUTUMN	1/5/95	22/6/95	9,100.00	175	390.00		
422-0133	ANNUAL	14/5/94	22/6/95	267,700.00	663	290.00		

Code	MAR	MOO	E	Name	Moon	Location	Margaret	R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0166	WINTER	14/5/94	6/9/94	34,800.00	303	110.00		
435-0138	SPRING	6/9/94	1/5/95	133,100.00	562	320.00		
448-3036	SUMMER							
509-5117	AUTUMN	1/5/95	22/6/95	9,100.00	175	340.00		
422-0137	ANNUAL	14/5/94	22/6/95	263,100.00	651	250.00		

Code	MAR	MOO	F	Name	Moon	Location	Margaret	R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0824	WINTER	14/5/94	6/9/94	41,400.00	360	140.00		
435-0139	SPRING	6/9/94	1/5/95	177,400.00	749	430.00		
448-3037	SUMMER							
509-5118	AUTUMN	1/5/95	22/6/95	16,100.00	310	420.00		
422-0867	ANNUAL	14/5/94	22/6/95	338,300.00	837	360.00		

Code	MAR	YAL	A	Name	Yallingup	Location	Margaret	R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0067	WINTER	13/5/94	7/9/94	35,900.00	307	180.00		
435-0140	SPRING	7/9/94	7/12/94	33,600.00	369	230.00		
448-3038	SUMMER	7/12/94	24/3/95	22,900.00	214	350.00		
509-5119	AUTUMN	24/3/95	23/6/95	20,400.00	224	310.00		
422-0822	ANNUAL	13/5/94	23/6/95	166,400.00	410	440.00		

Code	MAR	YAL	B	Name	Yallingup	Location	Margaret	R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0859	WINTER	13/5/94	7/9/94					
435-0141	SPRING	7/9/94	7/12/94	29,200.00	321	310.00		
448-3039	SUMMER	7/12/94	24/3/95	59,400.00	555	300.00		
509-5120	AUTUMN	24/3/95	23/6/95	36,100.00	397	350.00		
422-0140	ANNUAL	13/5/94	23/6/95			570.00		

Code	MAR	YAL	C	Name	Yallingup	Location	Margaret	R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0135	WINTER	13/5/94	7/9/94	130,200.00	1113	190.00		
435-0142	SPRING	7/9/94	7/12/94	82,600.00	908	230.00		
448-3040	SUMMER	7/12/94	24/3/95	84,900.00	793	240.00		
509-5121	AUTUMN	24/3/95	23/6/95	47,100.00	518	250.00		
422-0825	ANNUAL	13/5/94	23/6/95	201,100.00	495	440.00		

Code	MAR	YAL	D	Name	Yallingup	Location	Margaret R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0154	WINTER	13/5/94	7/9/94	139,900.00	1196	150.00	
435-0143	SPRING	7/9/94	7/12/94	109,200.00	1200	220.00	
448-3041	SUMMER	7/12/94	24/3/95	9,900.00	93	240.00	
509-5122	AUTUMN	24/3/95	23/6/95	27,100.00	298	270.00	
422-0793	ANNUAL	13/5/94	23/6/95	739,300.00	1821	460.00	

Code	MAR	YAL	E	Name	Yallingup	Location	Margaret R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0131	WINTER	13/5/94	7/9/94	120,800.00	1032	200.00	
435-0144	SPRING	7/9/94	8/12/94	84,300.00	916	250.00	
448-3042	SUMMER	8/12/94	24/3/95	71,300.00	673	300.00	
509-5123	AUTUMN	24/3/95	23/6/95	51,600.00	567	320.00	
422-0177	ANNUAL	13/5/94	23/6/95	678,400.00	1671	680.00	

Code	MAR	YAL	F	Name	Yallingup	Location	Margaret R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0064	WINTER	13/5/94	7/9/94	151,300.00	1293	170.00	
435-0145	SPRING	7/9/94	8/12/94	121,000.00	1315	210.00	
448-3043	SUMMER	8/12/94	24/3/95	125,000.00	1179	420.00	
509-5124	AUTUMN	24/3/95	23/6/95	132,000.00	1451	220.00	
422-0820	ANNUAL	13/5/94	23/6/95	985,800.00	2428	550.00	

Code	MAR	YAL	G	Name	Yallingup	Location	Margaret R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0139	WINTER	13/5/94	7/9/94	133,600.00	1142	160.00	
435-0146	SPRING	7/9/94	8/12/94	107,700.00	1171	220.00	
448-3044	SUMMER	8/12/94	24/3/95	126,000.00	1189	360.00	
509-5125	AUTUMN	24/3/95	23/6/95	101,300.00	1113	340.00	
422-0801	ANNUAL	13/5/94	23/6/95	778,100.00	1917	530.00	

Code	MAR	YAL	H	Name	Yallingup	Location	Margaret R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0117	WINTER	13/5/94	7/9/94	77,700.00	664	160.00	
435-0147	SPRING	7/9/94	8/12/94	52,400.00	570	210.00	
448-3045	SUMMER	8/12/94	24/3/95	1,800.00	17	270.00	
509-5126	AUTUMN	24/3/95	23/6/95	31,400.00	345	290.00	
422-0144	ANNUAL	13/5/94	23/6/95	559,300.00	1378	340.00	

Code	MAR	YAL	I	Name	Yallingup	Location	Margaret R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0156	WINTER	13/5/94	7/9/94	102,500.00	876	200.00	
435-0148	SPRING	7/9/94	7/12/94	63,300.00	696	240.00	
448-3046	SUMMER	7/12/94	24/3/95	96,900.00	906	350.00	
509-5127	AUTUMN	24/3/95	23/6/95	34,200.00	376	400.00	
422-0159	ANNUAL	13/5/94	23/6/95	697,800.00	1719	810.00	

Code	MAR	YAL	J	Name	Yallingup	Location	Margaret R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0847	WINTER	13/5/94	7/9/94	101,200.00	865	150.00	
435-0149	SPRING	7/9/94	7/12/94	65,400.00	719	260.00	
448-3047	SUMMER	7/12/94	24/3/95	112,500.00	1051	340.00	
509-5128	AUTUMN	24/3/95	23/6/95	59,600.00	655	400.00	
422-0842	ANNUAL	13/5/94	23/6/95	567,600.00	1398	510.00	

Code	MAR	YAL	K	Name	Yallingup	Location	Margaret R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0069	WINTER	13/5/94	7/9/94	109,600.00	937	150.00	
435-0150	SPRING	7/9/94	7/12/94	60,300.00	663	180.00	
448-3048	SUMMER	7/12/94	24/3/95	70,300.00	657	280.00	
509-5129	AUTUMN	24/3/95	23/6/95	55,200.00	607	290.00	
422-0065	ANNUAL	13/5/94	23/6/95	556,600.00	1371	320.00	

Code	MAR	YAL	L	Name	Yallingup	Location	Margaret R
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0852	WINTER	13/5/94	7/9/94	75,600.00	646	210.00	
435-0151	SPRING	7/9/94	7/12/94	51,200.00	563	230.00	
448-3049	SUMMER	7/12/94	24/3/95	95,300.00	891	330.00	
509-5130	AUTUMN	24/3/95	23/6/95	13,600.00	149	330.00	
422-0777	ANNUAL	13/5/94	23/6/95	426,400.00	1050	580.00	

Code	MOL	KIN	A	Name	King Solomons Mine	Location	Mole Creek
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0510	WINTER	25/5/94	23/9/94	42,900.00	355	150.00	
435-0152	SPRING	23/9/94	14/12/94	87,600.00	1068	190.00	
448-3050	SUMMER	14/12/94	31/3/95	93,200.00	871	80.00	
509-5131	AUTUMN	31/3/95	29/6/95	60,300.00	670	290.00	
422-0463	ANNUAL	25/5/94	29/6/95	611,900.00	1530	530.00	

Code	MOL	KIN	B	Name	King Solomons Mine	Location	Mole Creek
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0570	WINTER	25/5/94	23/9/94	859,100.00	7100	1,900.00	
435-0153	SPRING	23/9/94	14/12/94	81,500.00	994	180.00	
448-3051	SUMMER	14/12/94	31/3/95	138,000.00	1290	270.00	
509-5132	AUTUMN	31/3/95	29/6/95	28,300.00	314	310.00	
422-0465	ANNUAL	25/5/94	29/6/95	592,600.00	1482	660.00	

Code	MOL	KIN	C	Name	King Solomons Mine	Location	Mole Creek
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0526	WINTER	25/5/94	23/9/94	765,400.00	6326	390.00	
435-0154	SPRING	23/9/94	14/12/94	362,900.00	4426	290.00	
448-3052	SUMMER	14/12/94	31/3/95	1,040.00	10	150.00	
509-5133	AUTUMN	31/3/95	29/6/95	330,200.00	3669	520.00	
422-0474	ANNUAL	25/5/94	29/6/95	,240,500.0	3101	890.00	

APPENDIX VI : Radon Concentration (Bq m<sup>-3</sup>) and External Gamma-ray Radiation (µSv) by Cave Monitor Site and Season

Code	MOL KIN D	Name	King Solomons Mine	Location	Mole Creek
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
422-0410	WINTER	25/5/94	23/9/94	174,200.00	1440 360.00
435-0155	SPRING	23/9/94	14/12/94	188,100.00	2294 450.00
448-3053	SUMMER	14/12/94	31/3/95	333,800.00	3120 130.00
509-5134	AUTUMN	31/3/95	29/6/95	381,900.00	4243 620.00
422-0509	ANNUAL	25/5/94	29/6/95		

Code	MOL KIN E	Name	King Solomons Mine	Location	Mole Creek
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
	WINTER	25/5/94	23/9/94		
435-0156	SPRING	23/9/94	14/12/94	290,800.00	3546 270.00
448-3054	SUMMER	14/12/94	31/3/95	257,300.00	2405 110.00
509-5135	AUTUMN	31/3/95	29/6/95	11,600.00	129 470.00
422-0596	ANNUAL	25/5/94	29/6/95	1,038,000.0	5095 1,050.00

Code	MOL KIN F	Name	King Solomons Mine	Location	Mole Creek
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
422-0480	WINTER	25/5/94	23/9/94	257,200.00	2126 300.00
435-0157	SPRING	23/9/94	14/12/94	276,800.00	3376 470.00
448-3055	SUMMER	14/12/94	31/3/95	275,500.00	2575 70.00
509-5136	AUTUMN	31/3/95	29/6/95	436,800.00	4853 410.00
422-0440	ANNUAL	25/5/94	29/6/95	1,905,100.0	4763 1,370.00

Code	MOL MAR A	Name	Marakoopa	Location	Mole Creek
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
422-0514	WINTER	25/5/94	23/9/94	9,000.00	74 140.00
435-0158	SPRING	23/9/94	14/12/94	10,400.00	127 210.00
448-3056	SUMMER	14/12/94	31/3/95	43,200.00	404 50.00
509-5137	AUTUMN	31/3/95	29/6/95	7,300.00	81 290.00
422-0491	ANNUAL	25/5/94	29/6/95	94,000.00	235 500.00

Code	MOL MAR B	Name	Marakoopa	Location	Mole Creek
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
422-0604	WINTER	25/5/94	23/9/94	8,700.00	72 130.00
435-0159	SPRING	23/9/94	14/12/94	11,000.00	134 190.00
448-3057	SUMMER	14/12/94	31/3/95	119,300.00	1115 150.00
509-5138	AUTUMN	31/3/95	29/6/95	17,800.00	198 250.00
422-0462	ANNUAL	25/5/94	29/6/95	240,000.00	600 410.00

Code	MOL MAR C	Name	Marakoopa	Location	Mole Creek
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
422-0527	WINTER	25/5/94	23/9/94	37,900.00	313 230.00
435-0160	SPRING	23/9/94	14/12/94	38,300.00	467 200.00
448-3058	SUMMER	14/12/94	31/3/95	234,900.00	2195 60.00
509-5139	AUTUMN	31/3/95	29/6/95	21,000.00	233 270.00
422-0469	ANNUAL	25/5/94	29/6/95	487,400.00	1219 570.00

Code	MOL MAR D	Name	Marakoopa	Location	Mole Creek
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
422-0507	WINTER	25/5/94	23/9/94	15,700.00	130 120.00
435-0161	SPRING	23/9/94	14/12/94	19,200.00	234 190.00
448-3059	SUMMER	14/12/94	31/3/95	34,900.00	326 130.00
509-5140	AUTUMN	31/3/95	29/6/95	23,700.00	263 270.00
422-0576	ANNUAL	25/5/94	29/6/95	111,200.00	278 480.00

Code	MOL MAR E	Name	Marakoopa	Location	Mole Creek
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
424-0679	WINTER	25/5/94	23/9/94	33,800.00	279 170.00
435-0162	SPRING	23/9/94	14/12/94	39,300.00	479 220.00
448-3060	SUMMER	14/12/94	31/3/95	44,800.00	419 70.00
509-5141	AUTUMN	31/3/95	29/6/95	37,500.00	417 320.00
422-0678	ANNUAL	25/5/94	29/6/95		

Code	MOL MAR F	Name	Marakoopa	Location	Mole Creek
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
422-0559	WINTER	25/5/94	23/9/94	47,200.00	390 270.00
435-0163	SPRING	23/9/94	14/12/94	41,700.00	509 320.00
448-3061	SUMMER	14/12/94	31/3/95	148,400.00	1387 250.00
509-5142	AUTUMN	31/3/95	29/6/95	43,000.00	478 380.00
422-0490	ANNUAL	25/5/94	29/6/95	414,200.00	1036 950.00

Code	NAR ALE A	Name	Alexandra	Location	Naracoorte
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
424-0651	WINTER	23/5/94	1/9/94	53,900.00	534 140.00
435-0164	SPRING	1/9/94	12/12/94	52,000.00	510 200.00
448-3062	SUMMER	12/12/94	17/3/95	50,400.00	531 300.00
509-5143	AUTUMN	17/3/95	5/7/95	24,600.00	224 370.00
424-0650	ANNUAL	23/5/94	5/7/95	426,700.00	1046 700.00

Code	NAR ALE B	Name	Alexandra	Location	Naracoorte
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
424-0653	WINTER	23/5/94	1/9/94	46,800.00	463 160.00
435-0165	SPRING	1/9/94	12/12/94	51,800.00	508 260.00
448-3063	SUMMER	12/12/94	17/3/95	45,400.00	478 370.00
509-5144	AUTUMN	17/3/95	5/7/95	102,800.00	935 430.00
424-0652	ANNUAL	23/5/94	5/7/95	392,400.00	962 790.00

Code	NAR ALE C	Name	Alexandra	Location	Naracoorte
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
424-0655	WINTER	23/5/94	1/9/94	115,200.00	1141 210.00
435-0166	SPRING	1/9/94	12/12/94	55,100.00	540 190.00
448-3064	SUMMER	12/12/94	17/3/95	50,900.00	536 220.00
509-5145	AUTUMN	17/3/95	5/7/95	100,400.00	913 540.00
424-0654	ANNUAL	23/5/94	5/7/95	492,400.00	1207 870.00

Code	NAR ALE D	Name	Alexandra	Location	Naracoorte	
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
424-0657	WINTER	23/5/94	1/9/94	35,400.00	350	130.00
435-0167	SPRING	1/9/94	12/12/94	43,000.00	422	190.00
448-3065	SUMMER	12/12/94	17/3/95	52,700.00	555	230.00
509-5146	AUTUMN	17/3/95	5/7/95	58,000.00	527	320.00
424-0656	ANNUAL	23/5/94	5/7/95	372,700.00	913	490.00

Code	NAR ALE E	Name	Alexandra	Location	Naracoorte	
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
424-0659	WINTER	23/5/94	1/9/94	33,000.00	327	180.00
435-0168	SPRING	1/9/94	12/12/94	34,300.00	336	240.00
448-3066	SUMMER	12/12/94	17/3/95	27,500.00	289	440.00
509-5147	AUTUMN	17/3/95	5/7/95	74,000.00	673	340.00
424-0658	ANNUAL	23/5/94	5/7/95	258,500.00	634	670.00

Code	NAR ALE F	Name	Alexandra	Location	Naracoorte	
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
424-0661	WINTER	23/5/94	1/9/94	4,100.00	41	310.00
435-0169	SPRING	1/9/94	12/12/94	4,300.00	42	230.00
448-3067	SUMMER	12/12/94	17/3/95	5,500.00	58	380.00
509-5148	AUTUMN	17/3/95	5/7/95	5,300.00	48	520.00
424-0660	ANNUAL	23/5/94	5/7/95	23,500.00	58	1,130.00

Code	NAR BLA A	Name	Blanche	Location	Naracoorte	
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
424-0681	WINTER	24/5/94	1/9/94	1,700.00	17	110.00
435-0170	SPRING	2/9/94	12/12/94	5,600.00	55	140.00
448-3068	SUMMER	12/12/94	17/3/95	5,500.00	58	170.00
509-5149	AUTUMN	17/3/95	5/7/95	2,980.00	27	260.00
424-0697	ANNUAL	24/5/94	5/7/95	17,000.00	42	350.00

Code	NAR BLA B	Name	Blanche	Location	Naracoorte	
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
424-0699	WINTER	24/5/94	2/9/94	2,700.00	27	100.00
435-0171	SPRING	2/9/94	12/12/94	4,000.00	40	140.00
448-3069	SUMMER	12/12/94	17/3/95	4,300.00	45	170.00
509-5150	AUTUMN	17/3/95	5/7/95	4,670.00	42	270.00
424-0698	ANNUAL	24/5/94	5/7/95	13,600.00	33	310.00

Code	NAR BLA C	Name	Blanche	Location	Naracoorte	
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
424-0665	WINTER	24/5/94	2/9/94	1,900.00	19	100.00
435-0172	SPRING	2/9/94	12/12/94	3,100.00	31	120.00
448-3070	SUMMER	12/12/94	17/3/95	1,260.00	13	90.00
509-5151	AUTUMN	17/3/95	5/7/95	2,580.00	23	300.00
424-0649	ANNUAL	24/5/94	5/7/95	3,940.00	10	0.00

Code	NAR BLA D	Name	Blanche	Location	Naracoorte	
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
424-0646	WINTER	24/5/94	2/9/94	2,300.00	23	120.00
435-0173	SPRING	2/9/94	12/12/94	2,800.00	28	120.00
448-3071	SUMMER	12/12/94	17/3/95	1,010.00	11	160.00
509-5152	AUTUMN	17/3/95	5/7/95	2,230.00	20	290.00
424-0647	ANNUAL	24/5/94	5/7/95	4,790.00	12	370.00

Code	NAR VIC A	Name	Victoria Fossil	Location	Naracoorte	
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
424-0667	WINTER	24/5/94	2/9/94	15,600.00	154	120.00
435-0174	SPRING	2/9/94	12/12/94	36,200.00	358	170.00
448-3072	SUMMER	12/12/94	17/3/95	35,500.00	374	250.00
509-5153	AUTUMN	17/3/95	5/7/95	24,200.00	220	300.00
424-0668	ANNUAL	24/5/94	5/7/95	147,400.00	362	450.00

Code	NAR VIC B	Name	Victoria Fossil	Location	Naracoorte	
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
424-0672	WINTER	24/5/94	2/9/94	41,300.00	409	170.00
435-0175	SPRING	2/9/94	12/12/94	70,500.00	698	230.00
448-3073	SUMMER	12/12/94	17/3/95	52,400.00	552	340.00
509-5154	AUTUMN	17/3/95	5/7/95	44,600.00	405	340.00
424-0671	ANNUAL	24/5/94	5/7/95	330,800.00	813	510.00

Code	NAR VIC C	Name	Victoria Fossil	Location	Naracoorte	
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
424-0666	WINTER	24/5/94	2/9/94	19,100.00	189	180.00
435-0176	SPRING	2/9/94	12/12/94	44,700.00	443	180.00
448-3074	SUMMER	12/12/94	17/3/95	38,300.00	403	270.00
509-5155	AUTUMN	17/3/95	5/7/95	21,800.00	198	390.00
424-0664	ANNUAL	24/5/94	5/7/95	103,800.00	255	710.00

Code	NAR VIC D	Name	Victoria Fossil	Location	Naracoorte	
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
424-0663	WINTER	24/5/94	2/9/94	55,100.00	546	220.00
435-0177	SPRING	2/9/94	12/12/94	76,600.00	758	220.00
448-3075	SUMMER	12/12/94	17/3/95	64,300.00	677	270.00
509-5156	AUTUMN	17/3/95	5/7/95	26,100.00	237	330.00
424-0662	ANNUAL	24/5/94	5/7/95	348,000.00	855	810.00

Code	NAR VIC E	Name	Victoria Fossil	Location	Naracoorte	
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv
424-0687	WINTER	24/5/94	2/9/94	49,900.00	494	240.00
435-0178	SPRING	2/9/94	12/12/94	69,000.00	683	200.00
448-3076	SUMMER	12/12/94	17/3/95	37,600.00	396	290.00
509-5157	AUTUMN	17/3/95	5/7/95	98,900.00	899	490.00
424-0688	ANNUAL	24/5/94	5/7/95	400,100.00	983	750.00

APPENDIX VI : Radon Concentration (Bq m<sup>-3</sup>) and External Gamma-ray Radiation (µSv) by Cave Monitor Site and Season

Code	NAR VIC F	Name	Victoria Fossil	Location	Naracoorte			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
424-0683	WINTER	24/5/94	2/9/94	39,800.00	394	160.00		
435-1015	SPRING	2/9/94	12/12/94	53,100.00	526	170.00		
448-3077	SUMMER	12/12/94	17/3/95	29,500.00	311	210.00		
509-5158	AUTUMN	17/3/95	5/7/95	28,600.00	260	260.00		
424-0684	ANNUAL	24/5/94	5/7/95	369,300.00	907	540.00		

Code	NAR WET A	Name	Wet(Stick-Tomato)	Location	Naracoorte			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
424-0648	WINTER	24/5/94	2/9/94	1,700.00	17	90.00		
435-1016	SPRING	2/9/94	12/12/94	3,200.00	32	130.00		
448-3078	SUMMER	12/12/94	17/3/95	3,780.00	40	210.00		
509-5159	AUTUMN	17/3/95	5/7/95	23,300.00	212	210.00		
424-0645	ANNUAL	24/5/94	5/7/95	9,300.00	23	280.00		

Code	NAR WET B	Name	Wet(Stick-Tomato)	Location	Naracoorte			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
424-0669	WINTER	24/5/94	2/9/94	2,400.00	24	110.00		
435-1017	SPRING	2/9/94	12/12/94	2,500.00	25	110.00		
448-3079	SUMMER	12/12/94	17/3/95	4,800.00	51	210.00		
509-5160	AUTUMN	17/3/95	5/7/95	4,960.00	45	220.00		
	ANNUAL	24/5/94	5/7/95					

Code	WOM WOM A	Name	Office	Location	Nelson			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0171	WINTER	18/5/94	21/9/94	4,900.00	39	280.00		
435-1105	SPRING	21/9/94	6/12/94	1,700.00	22	250.00		
448-3154	SUMMER	6/12/94	25/3/95	1,040.00	10	370.00		
509-6043	AUTUMN	25/3/95	25/7/95	4,340.00	36	330.00		
419-0005	ANNUAL	18/5/94	25/7/95	15,300.00	35	790.00		

Code	NEL PMR A	Name	Princess M Rose	Location	Nelson			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
424-0626	WINTER	23/5/94	2/9/94	99,000.00	971	120.00		
435-1018	SPRING	2/9/94	3/12/94	102,000.00	1109	200.00		
448-3080	SUMMER	3/12/94	17/3/95	281,900.00	2711	380.00		
509-5161	AUTUMN	17/3/95	17/6/95	96,700.00	1051	300.00		
424-0625	ANNUAL	23/5/94	17/6/95	728,900.00	1869	610.00		

Code	NEL PMR B	Name	Princess M Rose	Location	Nelson			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
424-0627	WINTER	23/5/94	2/9/94	67,400.00	661	150.00		
435-1019	SPRING	2/9/94	3/12/94	95,600.00	1039	230.00		
448-3081	SUMMER	3/12/94	17/3/95	215,300.00	2070	430.00		
509-5162	AUTUMN	17/3/95	17/6/95	93,200.00	1013	370.00		
424-0628	ANNUAL	23/5/94	17/6/95	663,900.00	1702	750.00		

Code	NEL PMR C	Name	Princess M Rose	Location	Nelson			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
424-0629	WINTER	23/5/94	2/9/94	67,900.00	666	170.00		
435-1020	SPRING	2/9/94	3/12/94	94,800.00	1030	230.00		
448-3082	SUMMER	3/12/94	17/3/95	310,100.00	2982	460.00		
509-5163	AUTUMN	17/3/95	17/6/95	81,300.00	884	340.00		
424-0630	ANNUAL	23/5/94	17/6/95	615,800.00	1579	980.00		

Code	NEL PMR D	Name	Princess M Rose	Location	Nelson			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
424-0632	WINTER	23/5/94	2/9/94	66,400.00	651	170.00		
435-1021	SPRING	2/9/94	3/12/94	92,100.00	1001	200.00		
448-3083	SUMMER	3/12/94	17/3/95	259,400.00	2494	370.00		
509-5164	AUTUMN	17/3/95	17/6/95	98,800.00	1074	440.00		
424-0631	ANNUAL	23/5/94	17/6/95	661,200.00	1695	820.00		

Code	NEL PMR E	Name	Princess M Rose	Location	Nelson			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
424-0633	WINTER	23/5/94	2/9/94	60,800.00	596	190.00		
435-1022	SPRING	2/9/94	3/12/94	92,800.00	1009	260.00		
448-3084	SUMMER	3/12/94	17/3/95	254,400.00	2446	480.00		
509-5165	AUTUMN	17/3/95	17/6/95	57,500.00	625	310.00		
424-0634	ANNUAL	23/5/94	17/6/95	633,800.00	1625	860.00		

Code	NEL	PMR	F	Name	Princess M Rose	Location	Nelson
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
424-0635	WINTER	23/5/94	2/9/94	79,800.00	782	160.00	
435-1023	SPRING	2/9/94	3/12/94	100,400.00	1091	180.00	
448-3085	SUMMER	3/12/94	17/3/95	266,500.00	2563	260.00	
509-5166	AUTUMN	17/3/95	17/6/95	129,700.00	1410	280.00	
424-0636	ANNUAL	23/5/94	17/6/95	651,200.00	1670	500.00	

Code	NEL	PMR	G	Name	Princess M Rose	Location	Nelson
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
424-0637	WINTER	23/5/94	2/9/94	4,900.00	48	220.00	
435-1024	SPRING	2/9/94	3/12/94	8,800.00	96	200.00	
448-3086	SUMMER	3/12/94	17/3/95	7,800.00	75	540.00	
509-5167	AUTUMN	17/3/95	17/6/95	17,500.00	190	370.00	
424-0638	ANNUAL	23/5/94	17/6/95	33,800.00	87	720.00	

Code	ROC	CAM	A	Name	Cammoo	Location	Rockhampton
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
419-0074	WINTER	3/5/94	3/9/94	7,000.00	57	160.00	
435-1025	SPRING	3/9/94	14/12/94	14,900.00	146	160.00	
448-3087	SUMMER	14/12/94	17/3/95	24,000.00	258	290.00	
509-5168	AUTUMN	17/3/95	3/7/95	5,700.00	53	210.00	
425-0766	ANNUAL	19/6/94	3/7/95				

Code	ROC	CAM	B	Name	Cammoo	Location	Rockhampton
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
419-0101	WINTER	3/5/94	3/9/94	5,900.00	48	140.00	
435-1026	SPRING	3/9/94	14/12/94	7,900.00	77	170.00	
448-3088	SUMMER	14/12/94	17/3/95	10,400.00	112	240.00	
509-5169	AUTUMN	17/3/95	3/7/95	2,010.00	19	200.00	
425-0753	ANNUAL	19/6/94	3/7/95				

Code	ROC	OLS	A	Name	Cammoo	Location	Rockhampton
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
419-0110	WINTER	3/5/94	4/9/94	2,000.00	16	150.00	
435-1031	SPRING	4/9/94	14/12/94	4,500.00	45	140.00	
448-3093	SUMMER	14/12/94	17/3/95	2,600.00	28	330.00	
509-5174	AUTUMN	17/3/95	23/6/95	3,400.00	35	230.00	
425-0767	ANNUAL	26/6/94	23/6/95				

Code	ROC	OLS	B	Name	Cammoo	Location	Rockhampton
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
419-0091	WINTER	3/5/94	4/9/94	1,500.00	12	150.00	
435-1032	SPRING	4/9/94	14/12/94	3,400.00	34	120.00	
448-3094	SUMMER	14/12/94	17/3/95	4,690.00	50	270.00	
509-5175	AUTUMN	17/3/95	23/6/95	1,840.00	19	190.00	
425-0757	ANNUAL	26/6/94	23/6/95				

Code	ROC	OLS	C	Name	Cammoo	Location	Rockhampton
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
419-0091	WINTER	3/5/94	4/9/94	2,600.00	21	120.00	
435-1033	SPRING	4/9/94	14/12/94	2,200.00	22	120.00	
448-3095	SUMMER	14/12/94	17/3/95	2,080.00	22	270.00	
509-5176	AUTUMN	17/3/95	23/6/95	2,130.00	22	170.00	
425-0768	ANNUAL	26/6/94	23/6/95				

Code	ROC	OLS	D	Name	Cammoo	Location	Rockhampton
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
419-0031	WINTER	3/5/94	4/9/94	3,100.00	25	120.00	
435-1034	SPRING	4/9/94	14/12/94	4,300.00	43	160.00	
448-3096	SUMMER	14/12/94	17/3/95	8,300.00	89	330.00	
509-5177	AUTUMN	17/3/95	23/6/95	3,320.00	34	210.00	
425-0748	ANNUAL	26/6/94	23/6/95				

Code	ROC	OLS	E	Name	Cammoo	Location	Rockhampton
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
419-0109	WINTER	3/5/94	4/9/94	2,600.00	21	130.00	
435-1035	SPRING	4/9/94	14/12/94	4,600.00	46	140.00	
448-3097	SUMMER	14/12/94	17/3/95	5,200.00	56	340.00	
509-5178	AUTUMN	17/3/95	23/6/95	3,420.00	35	180.00	
425-0750	ANNUAL	26/6/94	23/6/95				

Code	ROC	JOH	A	Name	Johnasens	Location	Rockhampton
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
419-0080	WINTER	3/5/94	31/8/94	19,700.00	164	210.00	
435-1027	SPRING	31/8/94	5/12/94	27,500.00	286	170.00	
448-3089	SUMMER	5/12/94	17/3/95	41,900.00	411	1,990.00	
509-5170	AUTUMN	17/3/95	16/6/95	35,100.00	386	220.00	
425-0751	ANNUAL	27/6/94	16/6/95				

APPENDIX VI : Radon Concentration (Bq m<sup>-3</sup>) and External Gamma-ray Radiation (µSv) by Cave Monitor Site and Season

Code	ROC	JOH B	Name	Johnasens	Location Rockhampton		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
419-0099	WINTER	3/5/94	31/8/94	7,300.00	61	180.00	
435-1028	SPRING	31/8/94	5/12/94	12,700.00	132	180.00	
448-3090	SUMMER	5/12/94	17/3/95	19,400.00	190	340.00	
509-5171	AUTUMN	17/3/95	16/6/95	9,300.00	102	240.00	
425-0759	ANNUAL	27/6/94	16/6/95				

Code	ROC	JOH C	Name	Johnasens	Location Rockhampton		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
419-0088	WINTER	3/5/94	31/8/94	6,800.00	57	120.00	
435-1029	SPRING	31/8/94	5/12/94	38,200.00	398	130.00	
448-3091	SUMMER	5/12/94	17/3/95				
509-5172	AUTUMN	17/3/95	16/6/95	28,100.00	309	200.00	
425-0744	ANNUAL	27/6/94	16/6/95				

Code	ROC	JOH D	Name	Johnasens	Location Rockhampton		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
419-0060	WINTER	3/5/94	31/8/94	2,900.00	24	120.00	
435-1030	SPRING	31/8/94	5/12/94	2,000.00	21	120.00	
448-3092	SUMMER	5/12/94	17/3/95	3,780.00	37	1,990.00	
509-5173	AUTUMN	17/3/95	16/6/95	2,870.00	32	190.00	
425-0743	ANNUAL	27/6/94	16/6/95				

Code	TAN	TAN A	Name	Tantanoola	Location Tantanoola		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
424-0641	WINTER	23/5/94	29/8/94	23,400.00	239	170.00	
435-1036	SPRING	29/8/94	30/11/94	27,200.00	292	230.00	
448-3098	SUMMER	30/11/94	16/3/95	33,000.00	311	260.00	
509-5179	AUTUMN	16/3/95	16/6/95	30,800.00	335	230.00	
424-0442	ANNUAL	23/5/94	16/6/95				

Code	TAN	TAN B	Name	Tantanoola	Location Tantanoola		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
424-0639	WINTER	23/5/94	29/8/94	25,100.00	256	140.00	
435-1037	SPRING	29/8/94	30/11/94	27,400.00	295	220.00	
448-3099	SUMMER	30/11/94	16/3/95	760.00	7	260.00	
509-5180	AUTUMN	16/3/95	16/6/95	15,400.00	167	260.00	
424-0640	ANNUAL	23/5/94	16/6/95	166,500.00	428	490.00	

Code	TAN	TAN C	Name	Tantanoola	Location Tantanoola		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
424-0643	WINTER	23/5/94	29/8/94	23,800.00	243	110.00	
435-1038	SPRING	29/8/94	30/11/94	24,000.00	258	170.00	
448-3100	SUMMER	30/11/94	16/3/95	37,300.00	352	200.00	
509-5181	AUTUMN	16/3/95	16/6/95	9,800.00	107	230.00	
424-0644	ANNUAL	23/5/94	16/6/95	187,600.00	482	340.00	

Code	WEE	JAS A	Name	Wee Jasper	Location Wee Jasper		
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Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0574	WINTER	27/5/94	2/9/94	5,700.00	58	190.00	
435-1058	SPRING	2/9/94	16/12/94	20,600.00	196	240.00	
448-3121	SUMMER	16/12/94	25/3/95	36,500.00	369	310.00	
509-6010	AUTUMN	25/3/95	14/7/95	10,400.00	94	240.00	
422-0423	ANNUAL	27/5/94	14/7/95	111,700.00	270	500.00	

Code	WEE	JAS B	Name	Wee Jasper	Location Wee Jasper		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0482	WINTER	27/5/94	2/9/94	5,700.00	58	180.00	
435-1059	SPRING	2/9/94	16/12/94	24,400.00	232	240.00	
448-3122	SUMMER	16/12/94	25/3/95	67,200.00	679	260.00	
509-6011	AUTUMN	25/3/95	14/7/95	10,400.00	94	270.00	
422-0594	ANNUAL	27/5/94	14/7/95	127,100.00	308	590.00	

Code	WEE	JAS C	Name	Wee Jasper	Location Wee Jasper		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0553	WINTER	27/5/94	2/9/94	11,800.00	120	130.00	
435-1060	SPRING	2/9/94	16/12/94	31,600.00	301	230.00	
448-3123	SUMMER	16/12/94	25/3/95	45,300.00	458	470.00	
509-6012	AUTUMN	25/3/95	14/7/95	10,000.00	90	260.00	
422-0408	ANNUAL	27/5/94	14/7/95	154,900.00	375	590.00	

Code	WEE	JAS D	Name	Wee Jasper	Location Wee Jasper		
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv	
422-0505	WINTER	27/5/94	2/9/94	36,500.00	372	190.00	
435-1061	SPRING	2/9/94	16/12/94	77,800.00	741	270.00	
448-3124	SUMMER	16/12/94	25/3/95	104,200.00	1053	410.00	
509-6013	AUTUMN	25/3/95	14/7/95	19,000.00	171	300.00	
422-0429	ANNUAL	27/5/94	14/7/95	425,300.00	1030	600.00	

Code	WEE JAS E	Name	Wee Jasper	Location	Wee Jasper			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0589	WINTER	27/5/94	2/9/94	27,700.00	283	190.00		
435-1062	SPRING	2/9/94	16/12/94	66,200.00	630	320.00		
448-3125	SUMMER	16/12/94	25/3/95	113,000.00	1141	420.00		
509-6014	AUTUMN	25/3/95	14/7/95	22,400.00	202	310.00		
422-0561	ANNUAL	27/5/94	14/7/95	392,100.00	949	700.00		

Code	WEE JAS F	Name	Wee Jasper	Location	Wee Jasper			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0435	WINTER	27/5/94	2/9/94	42,600.00	435	260.00		
435-1063	SPRING	2/9/94	16/12/94	65,100.00	620	320.00		
448-3126	SUMMER	16/12/94	25/3/95	32,300.00	326	1,020.00		
509-6015	AUTUMN	25/3/95	14/7/95	5,700.00	51	350.00		
422-0562	ANNUAL	27/5/94	14/7/95	440,800.00	1067	940.00		

Code	WEE JAS G	Name	Wee Jasper	Location	Wee Jasper			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0399	WINTER	27/5/94	2/9/94	33,900.00	346	240.00		
435-1064	SPRING	2/9/94	16/12/94	58,000.00	552	290.00		
448-3127	SUMMER	16/12/94	25/3/95	71,900.00	726	420.00		
509-6016	AUTUMN	25/3/95	14/7/95	17,000.00	153	310.00		
	ANNUAL	27/5/94	14/7/95					

Code	WEE JAS H	Name	Wee Jasper	Location	Wee Jasper			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0433	WINTER	27/5/94	2/9/94	36,500.00	372	180.00		
435-1065	SPRING	2/9/94	16/12/94	71,600.00	682	220.00		
448-3128	SUMMER	16/12/94	25/3/95	130,200.00	1315	430.00		
509-6017	AUTUMN	25/3/95	14/7/95	33,400.00	301	290.00		
422-0542	ANNUAL	27/5/94	14/7/95	429,200.00	1039	470.00		

Code	WEL CAT A	Name	Cathedral	Location	Wellington			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0524	WINTER	20/5/94	31/8/94	12,600.00	122	190.00		
435-1066	SPRING	2/9/94	5/12/94	46,600.00	496	240.00		
448-3129	SUMMER	5/12/94	13/3/95	84,900.00	866	80.00		
509-6018	AUTUMN	13/3/95	3/10/95					
422-0477	ANNUAL	20/5/94	3/10/95					

Code	WEL CAT B	Name	Cathedral	Location	Wellington			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0577	WINTER	20/5/94	31/8/94	12,300.00	119	190.00		
435-1067	SPRING	31/8/94	5/12/94	39,600.00	413	310.00		
448-3130	SUMMER	5/12/94	13/3/95	91,400.00	933	2,260.00		
509-6019	AUTUMN	13/3/95	3/10/95					
422-0515	ANNUAL	20/5/94	3/10/95					

Code	WEL CAT C	Name	Cathedral	Location	Wellington			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0442	WINTER	20/5/94	31/8/94	11,100.00	108	180.00		
435-1068	SPRING	31/8/94	5/12/94	38,200.00	398	220.00		
448-3131	SUMMER	5/12/94	13/3/95	6,100.00	62	510.00		
509-6020	AUTUMN	13/3/95	3/10/95					
422-0452	ANNUAL	20/5/94	3/10/95					

Code	WEL CAT D	Name	Cathedral	Location	Wellington			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0568	WINTER	20/5/94	31/8/94	13,000.00	126	150.00		
435-1069	SPRING	31/8/94	5/12/94	45,400.00	473	230.00		
448-3132	SUMMER	5/12/94	13/3/95	13,100.00	134	370.00		
509-6021	AUTUMN	13/3/95	3/10/95					
422-0599	ANNUAL	20/5/94	3/10/95					

Code	WEL CAT E	Name	Cathedral	Location	Wellington			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0523	WINTER	20/5/94	31/8/94	15,000.00	146	110.00		
435-1070	SPRING	31/8/94	5/12/94	35,900.00	374	170.00		
448-3133	SUMMER	5/12/94	13/3/95	18,000.00	184	430.00		
509-6022	AUTUMN	13/3/95	3/10/95					
422-0443	ANNUAL	20/5/94	3/10/95					

Code	WEL GAD A	Name	Gaden	Location	Wellington			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0600	WINTER	20/5/94	31/8/94	7,900.00	77	130.00		
435-1071	SPRING	31/8/94	5/12/94	26,400.00	275	150.00		
448-3134	SUMMER	5/12/94	13/3/95	92,600.00	945	290.00		
509-6023	AUTUMN	13/3/95	3/10/95					
422-0533	ANNUAL	20/5/94	3/10/95					

APPENDIX VI : Radon Concentration (Bq m<sup>-3</sup>) and External Gamma-ray Radiation (µSv) by Cave Monitor Site and Season

Code	WEL GAD B	Name	Gaden	Location	Wellington			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0610	WINTER	20/5/94	31/8/94	12,100.00	117	160.00		
435-1072	SPRING	31/8/94	5/12/94	27,300.00	284	210.00		
448-3135	SUMMER	5/12/94	13/3/95	34,800.00	355	130.00		
509-6024	AUTUMN	13/3/95	3/10/95					
422-0540	ANNUAL	20/5/94	3/10/95	220,800.00	441	1,190.00		

Code	WEL GAD C	Name	Gaden	Location	Wellington			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0162	WINTER	20/5/94	31/8/94	9,000.00	87	210.00		
419-0001	SPRING	31/8/94	5/12/94	4,200.00	44	170.00		
448-3136	SUMMER	5/12/94	13/3/95	29,000.00	296	330.00		
509-6025	AUTUMN	13/3/95	3/10/95					
422-0543	ANNUAL	20/5/94	3/10/95					

Code	WOM FIG A	Name	FigTree	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0818	WINTER	18/5/94	21/9/94	7,700.00	61	160.00		
435-1074	SPRING	21/9/94	6/12/94	9,800.00	129	210.00		
448-3137	SUMMER	6/12/94	25/3/95	4,690.00	43	350.00		
509-6026	AUTUMN	25/3/95	25/7/95	19,000.00	156	260.00		
419-0079	ANNUAL	18/5/94	25/7/95	36,200.00	84	690.00		

Code	WOM JUN A	Name	Junction	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0163	WINTER	18/5/94	21/9/94	2,000.00	16	160.00		
435-1075	SPRING	21/9/94	6/12/94	20,700.00	272	120.00		
448-3138	SUMMER	6/12/94	25/3/95	8,300.00	76	270.00		
509-6027	AUTUMN	25/3/95	25/7/95	14,700.00	120	180.00		
419-0050	ANNUAL	18/5/94	25/7/95	75,300.00	174	440.00		

Code	WOM JUN B	Name	Junction	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0848	WINTER	18/5/94	21/9/94	12,000.00	95	120.00		
435-1076	SPRING	21/9/94	6/12/94	25,500.00	336	180.00		
448-3139	SUMMER	6/12/94	25/3/95	37,500.00	344	280.00		
509-6028	AUTUMN	25/3/95	25/7/95	16,400.00	134	180.00		
419-0002	ANNUAL	18/5/94	25/7/95	109,400.00	253	410.00		

Code	WOM JUN C	Name	Junction	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0773	WINTER	18/5/94	21/9/94	11,300.00	90	140.00		
435-1077	SPRING	21/9/94	6/12/94	26,700.00	351	150.00		
448-3140	SUMMER	6/12/94	25/3/95	88,500.00	812	540.00		
509-6029	AUTUMN	25/3/95	25/7/95	15,000.00	123	160.00		
419-0055	ANNUAL	18/5/94	25/7/95	121,000.00	279	660.00		

Code	WOM JUN D	Name	Junction	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0798	WINTER	18/5/94	21/9/94	27,200.00	216	320.00		
435-1078	SPRING	21/9/94	6/12/94					
448-3141	SUMMER	6/12/94	25/3/95	59,400.00	545	610.00		
509-6030	AUTUMN	25/3/95	25/7/95	11,700.00	96	440.00		
419-0043	ANNUAL	18/5/94	25/7/95	131,400.00	303	1,040.00		

Code	WOM KOR A	Name	Kooringa	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0817	WINTER	18/5/94	21/9/94	17,600.00	140	180.00		
435-1079	SPRING	21/9/94	6/12/94	46,300.00	609	240.00		
448-3142	SUMMER	6/12/94	25/3/95	50,500.00	463	300.00		
509-6031	AUTUMN	25/3/95	25/7/95	33,100.00	271	240.00		
419-0053	ANNUAL	18/5/94	25/7/95	132,900.00	307	530.00		

Code	WOM WOL A	Name	Wollondily	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0178	WINTER	18/5/94	21/9/94	41,400.00	329	150.00		
435-1080	SPRING	21/9/94	6/12/94	47,100.00	620	130.00		
448-3143	SUMMER	6/12/94	25/3/95	1,560.00	14	230.00		
509-6032	AUTUMN	25/3/95	25/7/95	15,700.00	129	160.00		
419-0010	ANNUAL	18/5/94	25/7/95	144,600.00	334	320.00		

Code	WOM WOL B	Name	Wollondily	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0823	WINTER	18/5/94	21/9/94	27,300.00	217	140.00		
435-1081	SPRING	21/9/94	6/12/94	28,600.00	376	170.00		
448-3144	SUMMER	6/12/94	25/3/95	16,100.00	148	290.00		
509-6033	AUTUMN	25/3/95	25/7/95	32,800.00	269	230.00		
419-0122	ANNUAL	18/5/94	25/7/95	103,300.00	239	470.00		

Code	WOM WOL C	Name	Wollondily	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0871	WINTER	18/5/94	21/9/94	25,000.00	198	200.00		
435-1082	SPRING	21/9/94	6/12/94	33,700.00	443	170.00		
448-3145	SUMMER	6/12/94	25/3/95	13,000.00	119	260.00		
509-6034	AUTUMN	25/3/95	25/7/95	22,700.00	186	260.00		
419-0006	ANNUAL	18/5/94	25/7/95	108,900.00	252	570.00		

Code	WOM WOL D	Name	Wollondily	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0843	WINTER	18/5/94	21/9/94	25,400.00	202	220.00		
435-1083	SPRING	21/9/94	6/12/94	30,400.00	400	220.00		
448-3146	SUMMER	6/12/94	25/3/95	18,700.00	172	270.00		
509-6035	AUTUMN	25/3/95	25/7/95	37,100.00	304	280.00		
419-0047	ANNUAL	18/5/94	25/7/95	111,500.00	258	680.00		

Code	WOM WOL E	Name	Wollondily	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0155	WINTER	18/5/94	21/9/94	21,600.00	171	630.00		
435-1084	SPRING	21/9/94	6/12/94	25,300.00	333	170.00		
448-3147	SUMMER	6/12/94	25/3/95	21,900.00	201	220.00		
509-6036	AUTUMN	25/3/95	25/7/95	32,800.00	269	230.00		
419-0007	ANNUAL	18/5/94	25/7/95	100,400.00	232	470.00		

Code	WOM WOL F	Name	Wollondily	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0134	WINTER	18/5/94	21/9/94	14,400.00	114	270.00		
435-1085	SPRING	21/9/94	6/12/94	26,600.00	350	250.00		
448-3148	SUMMER	6/12/94	25/3/95	17,200.00	158	410.00		
509-6037	AUTUMN	25/3/95	25/7/95	8,000.00	66	320.00		
419-0095	ANNUAL	18/5/94	25/7/95	95,700.00	221	1,000.00		

Code	WOM WOL G	Name	Wollondily	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0799	WINTER	18/5/94	21/9/94	13,000.00	103	190.00		
435-1086	SPRING	21/9/94	6/12/94	24,200.00	318	230.00		
448-3149	SUMMER	6/12/94	25/3/95	24,500.00	225	380.00		
509-6038	AUTUMN	25/3/95	25/7/95	13,000.00	107	340.00		
419-0016	ANNUAL	18/5/94	25/7/95	73,500.00	170	570.00		

Code	WOM WOL H	Name	Wollondily	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0797	WINTER	18/5/94	21/9/94	11,600.00	92	200.00		
435-1087	SPRING	21/9/94	6/12/94	23,300.00	307	200.00		
448-3150	SUMMER	6/12/94	25/3/95	15,100.00	139	250.00		
509-6039	AUTUMN	25/3/95	25/7/95	8,000.00	66	260.00		
419-0004	ANNUAL	18/5/94	25/7/95	78,500.00	181	700.00		

Code	WOM WOL I	Name	Wollondily	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0165	WINTER	18/5/94	21/9/94	12,600.00	100	180.00		
435-1088	SPRING	21/9/94	6/12/94	19,700.00	259	170.00		
448-3151	SUMMER	6/12/94	25/3/95	26,600.00	244	400.00		
509-6040	AUTUMN	25/3/95	25/7/95	11,700.00	96	220.00		
419-0019	ANNUAL	18/5/94	25/7/95	76,100.00	176	450.00		

Code	WOM WOL J	Name	Wollondily	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0161	WINTER	18/5/94	21/9/94	12,000.00	95	180.00		
435-1089	SPRING	21/9/94	6/12/94	25,000.00	329	200.00		
448-3152	SUMMER	6/12/94	25/3/95	15,600.00	143	250.00		
509-6041	AUTUMN	25/3/95	25/7/95	17,000.00	139	210.00		
419-0017	ANNUAL	18/5/94	25/7/95	88,000.00	203	440.00		

Code	WOM WOL K	Name	Wollondily	Location	Wombeyan			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0775	WINTER	18/5/94	21/9/94	35,600.00	283	150.00		
435-1104	SPRING	21/9/94	6/12/94	70,200.00	924	220.00		
448-3153	SUMMER	6/12/94	25/3/95	5,700.00	52	210.00		
509-6042	AUTUMN	25/3/95	25/7/95	9,000.00	74	280.00		
419-0061	ANNUAL	18/5/94	25/7/95	166,000.00	383	480.00		

Code	YAN CAB A	Name	Yanchep	Location	Yanchep			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0853	WINTER	16/5/94	2/9/94	4,500.00	41	170.00		
435-1106	SPRING	2/9/94	11/12/94	8,900.00	89	230.00		
448-3155	SUMMER	11/12/94	16/3/95	4,690.00	49	320.00		
509-6044	AUTUMN	16/3/95	16/6/95	11,200.00	122	270.00		
419-0846	ANNUAL	16/5/94	16/6/95					

Code	YAN YAN A	Name	Yanchep	Location	Yanchep			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0003	WINTER	16/5/94	2/9/94	3,800.00	35	160.00		
435-1107	SPRING	2/9/94	11/12/94	7,300.00	73	200.00		
448-3156	SUMMER	11/12/94	16/3/95	9,900.00	104	320.00		
509-6045	AUTUMN	16/3/95	16/6/95	8,400.00	91	210.00		
419-0015	ANNUAL	16/5/94	16/6/95	44,500.00	112	410.00		

Code	YAN YAN B	Name	Yanchep	Location	Yanchep			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0008	WINTER	16/5/94	2/9/94	4,900.00	45	170.00		
435-1108	SPRING	2/9/94	11/12/94	7,400.00	74	200.00		
448-3157	SUMMER	11/12/94	16/3/95	13,300.00	140	410.00		
509-6046	AUTUMN	16/3/95	16/6/95	7,700.00	84	220.00		
419-0020	ANNUAL	16/5/94	16/6/95	50,200.00	127			

Code	YAN YAN C	Name	Yanchep	Location	Yanchep			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0018	WINTER	16/5/94	2/9/94	8,800.00	81	150.00		
435-1109	SPRING	2/9/94	11/12/94	12,100.00	121	210.00		
448-3158	SUMMER	11/12/94	16/3/95	11,700.00	123	270.00		
509-6047	AUTUMN	16/3/95	16/6/95	10,500.00	114	320.00		
419-0011	ANNUAL	16/5/94	16/6/95					

Code	YAN YAN D	Name	Yanchep	Location	Yanchep			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
419-0001	WINTER	16/5/94	2/9/94	4,200.00	39	170.00		
435-1110	SPRING	2/9/94	11/12/94			320.00		
448-3159	SUMMER	11/12/94	16/3/95	13,500.00	142	270.00		
509-6048	AUTUMN	16/3/95	16/6/95	9,100.00	99	250.00		
419-0009	ANNUAL	16/5/94	16/6/95					

APPENDIX VI : Radon Concentration (Bq m<sup>-3</sup>) and External Gamma-ray Radiation (µSv) by Cave Monitor Site and Season

Code	YAN	YAN	E	Name	Yanchep	Location	Yanchep			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv				
419-0013	WINTER	16/5/94	2/9/94	3,300.00	30	180.00				
435-1111	SPRING	2/9/94	11/12/94	4,500.00	45	230.00				
448-3160	SUMMER	11/12/94	16/3/95	11,700.00	123	650.00				
509-6049	AUTUMN	16/3/95	16/6/95	18,900.00	205					
419-0014	ANNUAL	16/5/94	16/6/95							

Code	YAR	CAS	A	Name	Castle	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv				
425-0713	WINTER	28/5/94	5/9/94			100.00				
435-1112	SPRING	5/9/94	11/12/94			320.00				
448-3161	SUMMER	11/12/94	31/3/95	320,500.00	2914	490.00				
509-6050	AUTUMN	31/3/95	16/6/95	39,800.00	517	290.00				
425-0726	ANNUAL	28/5/94	16/6/95	499,500.00	1301	1,200.00				

Code	YAR	CAS	B	Name	Castle	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv				
425-0755	WINTER	28/5/94	5/9/94	41,000.00	410	120.00				
435-1113	SPRING	5/9/94	11/12/94	90,100.00	929	160.00				
448-3162	SUMMER	11/12/94	31/3/95	234,900.00	2135	410.00				
509-6051	AUTUMN	31/3/95	16/6/95	30,200.00	392	350.00				
425-0760	ANNUAL	28/5/94	16/6/95	368,200.00	959	650.00				

Code	YAR	CAS	C	Name	Castle	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv				
425-0756	WINTER	28/5/94	5/9/94	33,900.00	339	220.00				
435-1114	SPRING	5/9/94	11/12/94	188,400.00	1942	370.00				
448-3163	SUMMER	11/12/94	31/3/95	531,700.00	4834	1,350.00				
509-6052	AUTUMN	31/3/95	16/6/95	47,400.00	616	350.00				
425-0758	ANNUAL	28/5/94	16/6/95	586,300.00	1527	910.00				

Code	YAR	CAS	D	Name	Castle	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv				
425-0718	WINTER	28/5/94	5/9/94	26,000.00	260	130.00				
435-1115	SPRING	5/9/94	11/12/94	197,000.00	2031	250.00				
448-3164	SUMMER	11/12/94	31/3/95	463,000.00	4209	740.00				
509-6053	AUTUMN	31/3/95	16/6/95	11,600.00	151	310.00				
425-0722	ANNUAL	28/5/94	16/6/95	582,100.00	1516	620.00				

Code	YAR	CAS	E	Name	Castle	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv				
425-0732	WINTER	28/5/94	5/9/94	22,800.00	228	90.00				
435-1116	SPRING	5/9/94	11/12/94	21,000.00	216	260.00				
448-3165	SUMMER	11/12/94	31/3/95	402,000.00	3655	360.00				
509-6054	AUTUMN	31/3/95	16/6/95	32,500.00	422	290.00				
425-0742	ANNUAL	28/5/94	16/6/95	585,000.00	1523	490.00				

Code	YAR	CAS	F	Name	Castle	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv				
425-0763	WINTER	28/5/94	5/9/94	11,400.00	114	370.00				
435-1117	SPRING	5/9/94	11/12/94	78,900.00	813	300.00				
448-3166	SUMMER	11/12/94	31/3/95	228,100.00	2074	520.00				
509-6055	AUTUMN	31/3/95	16/6/95	24,000.00	312	410.00				
425-0736	ANNUAL	28/5/94	16/6/95	404,100.00	1052	1,120.00				

Code	YAR	HAR	A	Name	Harry Wood	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv				
425-0714	WINTER	28/5/94	5/9/94	39,300.00	393	110.00				
435-1118	SPRING	5/9/94	11/12/94	28,900.00	298	230.00				
448-3167	SUMMER	11/12/94	31/3/95	24,700.00	225	390.00				
509-6056	AUTUMN	31/3/95	16/6/95	32,200.00	418	290.00				
425-0754	ANNUAL	28/5/94	16/6/95	159,100.00	414	390.00				

Code	YAR	HAR	B	Name	Harry Wood	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv				
425-0712	WINTER	28/5/94	5/9/94	43,900.00	439	110.00				
435-1119	SPRING	5/9/94	11/12/94	37,900.00	391	230.00				
448-3168	SUMMER	11/12/94	31/3/95	27,100.00	246	400.00				
509-6057	AUTUMN	31/3/95	16/6/95	18,900.00	245	280.00				
425-0723	ANNUAL	28/5/94	16/6/95	160,100.00	417	510.00				

Code	YAR	HAR	C	Name	Harry Wood	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv				
425-0719	WINTER	28/5/94	5/9/94	49,000.00	490	270.00				
435-1120	SPRING	5/9/94	11/12/94	31,700.00	327	330.00				
448-3169	SUMMER	11/12/94	31/3/95	45,600.00	415	550.00				
509-6058	AUTUMN	31/3/95	16/6/95	11,900.00	155	420.00				
425-0721	ANNUAL	28/5/94	16/6/95	202,100.00	526	1,030.00				

Code	YAR	JER	A	Name	Jersey	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv				
422-0411	WINTER	28/5/94	6/9/94	129,400.00	1281	420.00				
435-1121	SPRING	6/9/94	11/12/94	84,300.00	878	470.00				
448-3170	SUMMER	11/12/94	1/4/95	10,200.00	92	390.00				
509-6069	AUTUMN	1/4/95	16/6/95	45,700.00	601	650.00				
422-0537	ANNUAL	28/5/94	16/6/95	327,700.00	853	1,370.00				

Code	YAR	JER	B	Name	Jersey	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv				
422-0520	WINTER	28/5/94	6/9/94	120,800.00	1196	140.00				
435-1122	SPRING	6/9/94	11/12/94	94,600.00	985	160.00				
448-3171	SUMMER	11/12/94	1/4/95	18,000.00	162	320.00				
509-6070	AUTUMN	1/4/95	16/6/95	39,200.00	516	250.00				
422-0544	ANNUAL	28/5/94	16/6/95	333,900.00	870	450.00				

Code	YAR JER C	Name	Jersey	Location	Yarrangobilly
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
422-0397	WINTER	28/5/94	6/9/94	129,600.00	1283 120.00
435-1123	SPRING	6/9/94	11/12/94	106,700.00	1111 190.00
435-1165	SUMMER	11/12/94	1/4/95	120,900.00	1089 500.00
509-6071	AUTUMN	1/4/95	16/6/95	55,000.00	724 260.00
422-0584	ANNUAL	28/5/94	16/6/95	399,000.00	1039 460.00

Code	YAR JER D	Name	Jersey	Location	Yarrangobilly
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
422-0608	WINTER	28/5/94	6/9/94	129,800.00	1285 190.00
435-1124	SPRING	6/9/94	11/12/94	117,400.00	1223 260.00
435-1166	SUMMER	11/12/94	1/4/95	139,700.00	1259 450.00
509-6072	AUTUMN	1/4/95	16/6/95	33,300.00	438 310.00
422-0581	ANNUAL	28/5/94	16/6/95	359,900.00	937 600.00

Code	YAR JER E	Name	Jersey	Location	Yarrangobilly
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
422-0569	WINTER	28/5/94	6/9/94	133,600.00	1323 260.00
435-1125	SPRING	6/9/94	11/12/94	103,600.00	1079 280.00
435-1167	SUMMER	11/12/94	1/4/95	104,200.00	939 500.00
509-6073	AUTUMN	1/4/95	16/6/95	100,500.00	1322 340.00
422-0506	ANNUAL	28/5/94	16/6/95	372,500.00	970 640.00

Code	YAR JER F	Name	Jersey	Location	Yarrangobilly
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
422-0590	WINTER	28/5/94	6/9/94	30,600.00	1293 250.00
435-1126	SPRING	6/9/94	11/12/94	103,900.00	1082 350.00
435-1168	SUMMER	11/12/94	1/4/95	38,100.00	343 590.00
509-6074	AUTUMN	1/4/95	16/6/95	38,900.00	512 480.00
422-0541	ANNUAL	28/5/94	16/6/95	335,000.00	872 1,020.00

Code	YAR JIL A	Name	Jillabanean	Location	Yarrangobilly
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
422-0416	WINTER	28/5/94	6/9/94	133,900.00	1326 200.00
435-1127	SPRING	6/9/94	11/12/94	64,500.00	672 240.00
435-1169	SUMMER	11/12/94	1/4/95	153,100.00	1379 590.00
509-6075	AUTUMN	1/4/95	16/6/95	38,900.00	512 390.00
422-0586	ANNUAL	28/5/94	16/6/95	321,600.00	838 1,000.00

Code	YAR JIL B	Name	Jillabanean	Location	Yarrangobilly
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
422-0567	WINTER	28/5/94	6/9/94	118,000.00	1168 130.00
435-1128	SPRING	6/9/94	11/12/94	74,100.00	772 190.00
435-1170	SUMMER	11/12/94	1/4/95	213,100.00	1920 500.00
509-6076	AUTUMN	1/4/95	16/6/95	21,400.00	282 220.00
422-0579	ANNUAL	28/5/94	16/6/95	276,300.00	720 210.00

Code	YAR JIL C	Name	Jillabanean	Location	Yarrangobilly
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
422-0531	WINTER	28/5/94	6/9/94	55,500.00	550 120.00
435-1129	SPRING	6/9/94	11/12/94	44,100.00	459 170.00
435-1172	SUMMER	11/12/94	1/4/95	92,200.00	831 440.00
509-6077	AUTUMN	1/4/95	16/6/95	33,300.00	438 280.00
422-0536	ANNUAL	28/5/94	16/6/95	217,300.00	566 570.00

Code	YAR NGL A	Name	North Glory	Location	Yarrangobilly
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
425-0729	WINTER	28/5/94	6/9/94	10,700.00	106 170.00
435-1130	SPRING	6/9/94	11/12/94	34,600.00	360 210.00
435-1173	SUMMER	11/12/94	31/3/95	128,500.00	1168 550.00
509-6078	AUTUMN	31/3/95	16/6/95	24,600.00	319 260.00
425-0730	ANNUAL	28/5/94	16/6/95	153,700.00	400 580.00

Code	YAR NGL B	Name	North Glory	Location	Yarrangobilly
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
425-0740	WINTER	28/5/94	6/9/94	18,500.00	183 280.00
435-1131	SPRING	6/9/94	11/12/94	71,900.00	749 340.00
435-1174	SUMMER	11/12/94	31/3/95	363,500.00	3305 690.00
509-6079	AUTUMN	31/3/95	16/6/95	20,600.00	268 400.00
425-0727	ANNUAL	28/5/94	16/6/95	357,700.00	932 1,200.00

Code	YAR NGL C	Name	North Glory	Location	Yarrangobilly
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
425-0735	WINTER	28/5/94	6/9/94	294,900.00	2920 460.00
435-1132	SPRING	6/9/94	11/12/94	377,000.00	3927 570.00
435-1175	SUMMER	11/12/94	31/3/95	1,018,200.00	9256 1,030.00
509-6080	AUTUMN	31/3/95	16/6/95	79,600.00	1034 720.00
425-0762	ANNUAL	28/5/94	16/6/95	770,700.00	2007 2,080.00

Code	YAR NGL D	Name	North Glory	Location	Yarrangobilly
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
425-0731	WINTER	28/5/94	6/9/94	13,300.00	132 160.00
435-1133	SPRING	6/9/94	11/12/94	61,000.00	635 210.00
435-1176	SUMMER	11/12/94	31/3/95	218,300.00	1985 530.00
509-6081	AUTUMN	31/3/95	16/6/95	15,000.00	195 250.00
425-0764	ANNUAL	28/5/94	16/6/95	239,500.00	624 560.00

Code	YAR NGL E	Name	North Glory	Location	Yarrangobilly
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon microSv
425-0720	WINTER	28/5/94	6/9/94	20,600.00	204 160.00
435-1134	SPRING	6/9/94	11/12/94	75,000.00	781 270.00
435-1177	SUMMER	11/12/94	31/3/95	310,900.00	2826 560.00
509-6082	AUTUMN	31/3/95	16/6/95	13,000.00	169 290.00
425-0724	ANNUAL	28/5/94	16/6/95	310,300.00	808 770.00

APPENDIX VI : Radon Concentration (Bq m<sup>-3</sup>) and External Gamma-ray Radiation (µSv) by Cave Monitor Site and Season

Code	YAR NGL F	Name	North Glory	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
425-0710	WINTER	28/5/94	6/9/94	14,500.00	144	200.00		
435-1135	SPRING	6/9/94	11/12/94	65,200.00	679	300.00		
435-1178	SUMMER	11/12/94	31/3/95	275,500.00	2505	510.00		
509-6083	AUTUMN	31/3/95	16/6/95	7,600.00	99	340.00		
425-0717	ANNUAL	28/5/94	16/6/95	293,600.00	765	780.00		

Code	YAR NGL G	Name	North Glory	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
425-0725	WINTER	28/5/94	6/9/94	9,500.00	94	210.00		
435-1136	SPRING	6/9/94	11/12/94	28,300.00	295	270.00		
448-3007	SUMMER	11/12/94	31/3/95	101,000.00	918	890.00		
509-6084	AUTUMN	31/3/95	16/6/95	3,950.00	51	300.00		
425-0711	ANNUAL	28/5/94	16/6/95	151,100.00	393	700.00		

Code	YAR NGL H	Name	North Glory	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
425-0716	WINTER	28/5/94	6/9/94	7,700.00	76	150.00		
435-1137	SPRING	6/9/94	11/12/94	35,300.00	368	210.00		
448-3008	SUMMER	11/12/94	31/3/95	77,900.00	708	260.00		
509-6085	AUTUMN	31/3/95	16/6/95	5,600.00	73	230.00		
425-0715	ANNUAL	28/5/94	16/6/95	138,300.00	360	420.00		

Code	YAR SGL A	Name	South Glory	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
422-0502	WINTER	28/5/94	5/9/94	7,100.00	71	270.00		
435-1138	SPRING	5/9/94	11/12/94	15,800.00	163	330.00		
448-3009	SUMMER	11/12/94	31/3/95	6,000.00	55	500.00		
509-6086	AUTUMN	31/3/95	16/6/95	7,600.00	99	350.00		
425-0547	ANNUAL	28/5/94	16/6/95					

Code	YAR SGL B	Name	South Glory	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
425-0737	WINTER	28/5/94	5/9/94	8,500.00	85	120.00		
435-1139	SPRING	5/9/94	11/12/94	14,400.00	148	200.00		
448-3010	SUMMER	11/12/94	31/3/95	22,400.00	204	400.00		
509-6087	AUTUMN	31/3/95	16/6/95	8,500.00	110	240.00		
425-0734	ANNUAL	28/5/94	16/6/95	79,100.00	206	450.00		

Code	YAR SGL C	Name	South Glory	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
425-0741	WINTER	28/5/94	5/9/94	12,300.00	123	280.00		
435-1140	SPRING	5/9/94	11/12/94	26,900.00	277	320.00		
448-3011	SUMMER	11/12/94	31/3/95	53,900.00	490			
509-6088	AUTUMN	31/3/95	16/6/95	3,100.00	40	360.00		
425-0709	ANNUAL	28/5/94	16/6/95	130,600.00	340	1,050.00		

Code	YAR SGL D	Name	South Glory	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
425-0728	WINTER	28/5/94	5/9/94	8,500.00	85	140.00		
435-1141	SPRING	5/9/94	11/12/94					
448-3012	SUMMER	11/12/94	31/3/95	72,900.00	663			
509-6089	AUTUMN	31/3/95	16/6/95	2,820.00	37	220.00		
425-0747	ANNUAL	28/5/94	16/6/95	107,300.00	279	200.00		

Code	YAR SGL E	Name	South Glory	Location	Yarrangobilly			
Monitor ID	Period	Date In	Date Out	Bq/m3.d	Radon	microSv		
425-0738	WINTER	28/5/94	5/9/94	6,100.00	61	90.00		
435-1142	SPRING	5/9/94	11/12/94	12,000.00	124	120.00		
448-3013	SUMMER	11/12/94	31/3/95	13,300.00	121			
509-6090	AUTUMN	31/3/95	16/6/95	1,410.00	18	270.00		
425-0733	ANNUAL	28/5/94	16/6/95	53,500.00	139	280.00		