

Appendix B: Line Summary:

Year	Project	Survey Name	GA Line Code	Line Length [km]	No of Channels	Nominal Shot interval [m]	Group interval [m]	Nominal Fold	Record length [sec]	Partners	Processors	Geocat#
1976	L108	Galilee Basin, QLD, 1976	BMR76-01	56.50	24	166.67	83.33	6	6, 10		D.Johnstone	74977
			BMR76-02	35.30	24	166.67	41.66, 83.33	6	6			
			BMR76-03	88.67	24	166.67	83.33	6	6, 20			
			BMR76-04	40.00	24	166.67	83.33	1, 6	6			
1978	L111	Denison Trough, QLD, 1978	BMR78-01	28.66	48	166.67	41.66	6	6, 8, 16		D.Johnstone	74974
			BMR78-02	123.40	48	166.67	41.66	6	6, 8, 16			
			BMR78-03	38.33	48	166.67	41.66	6	6			
			BMR78-06	47.78	48	166.67	41.66	6	6			
			BMR78-07	32.20	48	166.67	41.66	6	6, 16			
			BMR78-08	33.91	48	166.67	41.66	6	6, 8, 16			
1979	L112	Denison Trough, QLD, 1979	BMR79-04E	38.79	48	166.67	41.66	6	6		D.Johnstone	74973
			BMR79-05	17.25	48	166.67	41.66	6	6			
			BMR79-09	26.16	48	166.67	41.66	6	6			
1980	L115	Central Eromanga Basin, QLD, 1980	BMR80-01	183.33	48	333.33	41.66, 83.33	6	20		D.Johnstone	74972
			BMR80-03	148.66	48	333.33	83.33	6	20			
			BMR80-04	16.00	48	333.33	83.33	6	20			
			BMR80-05	78.33	48	333.33	83.33	6	20			
			BMR80-06	141.99	48	333.33	83.33	6	20			
			BMR80-08	55.33	48	333.33	83.33	6	20			
1981	L116	Central Eromanga Basin, QLD, 1981	BMR81-7E	31.67	48	333.33	83.33	6	20		D.Johnstone	74971
			BMR81-7W	59.66	48	333.33	83.33	6	20			
			BMR81-09	83.16	48	333.33	83.33	6	20			
			BMR81-10	200.99	48	333.33	83.33	6	20			
			BMR81-12	30.33	48	333.33	83.33	6	20			
1982	L118	Central Eromanga Basin, QLD, 1982	BMR82-02	108.66	48	333.33	83.33	6	20		D.Johnstone	74970
			BMR82-11	172.41	48	333.33	83.33	6	20			
			BMR82-11A	11.50	48	333.33	83.33	6	20			
			BMR82-13	72.33	48	333.33	83.33	6	20			

Year	Project	Survey Name	GA Line Code	Line Length [km]	No of Channels	Nominal Shot interval [m]	Group interval [m]	Nominal Fold	Record length [sec]	Partners	Processors	Geocat#
1984	L120	South East Queensland, QLD, 1984	BMR84-14	667.22	48	333.33	83.33	6	20, 39		D.Johnstone	74969
			BMR84-16A	43.78	48	161	41.66	6	20			
			BMR84-16B	90.66	48	333.33	83.33	6	20			
1985	L121	Central Australia, NT, 1985	BMR85-01A	133	48	333.33	83.33	6	20		B.Goleby	74968
			BMR85-01B	73	48	333.33	83.33	6	24		C.Wright	
			BMR85-01C	29	48	333.33	83.33	6	24			
			BMR85-01D	66	48	333.33	83.33	6	24			
			BMR85-01E	119	48	333.33	83.33	6	24			
			BMR85-02	40	48	333.33	83.33	6	20			
1986	L123	South East Queensland, QLD, 1986	BMR86-15	21.66	96	360	60	8	20		D.Johnstone	74962
			BMR86-17	58.38	96	360	60	8	20			
			BMR86-18	68.88	96	360	60	8	20			
			BMR86-19	24.24	96	360	60	8	20			
1988	L126	Canning Basin, WA, 1988	BMR88-01	414.00	96	200	50	12	20		M.Sexton, T.Barton, D.Johnstone	74956
			BMR88-02	43.00	96	200	50	12	20			
			BMR88-03	188.00	96	200	50	12	20			
1989	L129	Bowen Basin, QLD, 1989	BMR89-B1A	129.96	96	360	60	8	20		K.Wake-Dyster	74954
			BMR89-B1B	27.60	96	360	60	8	20			
			BMR89-B2	55.32	96	360	60	8	20			
			BMR89-B3	41.22	96	360	60	8	20			
1989	L130	Cobar, NSW, 1989	BMR89-C01	31.92	96	360	60	8	20		R.Costelloe	74953
			BMR89-C02	59.64	96	360	60	8	20			
			BMR89-C03A	19.14	96	360	60	8	20			
			BMR89-C03B	23.34	96	360	60	8	20			
			BMR89-C03C	49.98	96	360	60	8	20			
1991	L131	Gunnedah Basin, NSW, 1991	BMR91-G01	253.14	96	360	60	8	20		K.Wake-Dyster, D.Johnstone	74952

Year	Project	Survey Name	GA Line Code	Line Length [km]	No of Channels	Nominal Shot interval [m]	Group interval M]	Nominal Fold	Record length [sec]	Partners	Processors	Geocat#
1991	L132	Eastern Goldfields, WA, 1991	BMR91-EGF01	208.96	96	240	40	12	20		B.Goleby, A.Owen	74951
			BMR91-EGF02	27.64	96	160	40	12	20			
			BMR91-EGF03	21.00	96	160	40	12	20			
1992	L135	Otway Basin, VIC and SA, 1992	BMR92-OT1	65.95	120	300	50	10	20		K.Wake-Dyster	74947
			BMR92-OT2	33.15	120	300	50	10	20			
			BMR92-OT3	58.35	120	300	50	10	20			
			BMR92-OT4	87.70	120	300	50	10	20			
			BMR92-OT5	101.05	120	300	50	10	20			
			BMR92-OT6	34.85	120	300	50	10	20			
			BMR92-OT7	82.00	120	300	50	10	20			
1993	L137	Officer Basin, SA, 1993	93AGS-01	99.16	120	240	40	10	20		J.Leven, A.Owen	74944
			93AGS-03	177.16	120	240	40	10	20			
			93AGS-04	80.20	120	240	40	10	20			
			93AGS-05	100.36	120	240	40	10	20			
			93AGS-06	94.12	120	240	40	10	20			
1994	L138	Mt Isa, QLD, 1994	94MTI-01	255.52	120	240	40	10	20	GSQ, pmd*CRC	L.Jones	74943
			94MTI-02	31.64	120	240	40	10	20	Mimex		
1995	L139	TASGO, TAS, 1995	95AGS-T1	49.20	120	120	40	20	20	TDR	T.Barton	74942
			95AGS-T2	36.48	120	120	40	20	20			
			95AGS-T3	25.84	120	240	40	10	20			
			95AGS-T4	16.32	120	240	40	10	20			
			95AGS-T5	4.80	120	240	40	10	20			
1996 & 1997	L141 & L143	Broken Hill, NSW, 1996 and 1997	96AGS-BH1A	52.96	120	240	40	10	20	NSW DMR AGCRC	T.Fomin	74886
			96AGS-BH1B	134.56	120	240	40	10	20			
			97AGS-BH1B	27.44	120	240	40	10	20			
			96AGS-BH2	24.28	120	240	40	10	20			
			96AGS-BH3	35.08	120	240	40	10	20			
1997	L142	Victoria Grampians, VIC, 1997	97AGS-V1	37.20	120	240	40	10	20	AGCRC	T.Barton	74887
			97AGS-V2	26.80	120	240	40	10	20			

Year	Project	Survey Name	GA Line Code	Line Length [km]	No of Channels	Nominal Shot interval [m]	Group interval [m]	Nominal Fold	Record length [sec]	Partners	Processors	Geocat#
1997	L144	Hamersley Basin, WA, 1997	97AGS-HB1	23.20	120	320	40	8	20	UWA	L.Jones, B.Goleby	74885
			97AGS-HB2	41.16	120	240	40	10	20			
			97AGS-HB3	32.80	120	320	40	8	20			
			97AGS-SD1	38.84	120	240	40	10	20			
1997	L146	Eastern Lachlan, NSW, 1997	97AGS-EL1	32.05	120	300	50	10	20	AGCRC, NSW DMR	L.Jones	74883
			97AGS-EL2	26.90	120	240	50	10	20			
			97AGS-EL3	46.55	120	240	50	10	20			
1999	L148	CABGAS, NSW, 1999	99AGS-C1	160.10	240	30	30	120	16	NSW DMR	J.Leven	74882
1999	L150	Yilgarn, WA, 1999	99AGS-Y1	38.68	240	40, 80	40	60, 120	16	AGCRC	T.Fomin, A.Owen	74880
			99AGS-Y2	37.56	240	80	40	60	16			
			99AGS-Y3	22.28	240	80	40	60	16			
			99AGS-Y4	62.44	240	80	40	60	16			
			99AGS-Y5	28.84	240	80	40	60	16			
1999	L151	Lachlan, NSW, 1999	99AGS-L1	47.32	240	40	40	120	16	AGCRC, NSW DMR	L.Jones, D.Johnstone	74879
			99AGS-L2	50.52	240	40	40	120	16			
			99AGS-L3	89.64	240	40, 80	40	60, 120	16			
2001	L154	Northern Yilgarn, WA, 2001	01AGS-NY1	384.00	240	80	40	60	16, 18	GSWA, pmd*CRC	L.Jones, E.Chudyk, T.Barton,	40495 & 40496
			01AGS-NY3	52.62	240	30, 60	30	60, 120	16			
2002	L157	Batten Trough, NT, 2002	02GA-BT1	127.60	240	40, 80	40	60, 120	20, 22	NTGS, pmd*CRC	D.Johnstone	74876
			02GA-BT2	17.20	240	80	40	60	20	NTGS, pmd*CRC, AngloAmerican		
2003	L163	Gawler, SA, 2003	03GA-OD1	193.36	240	40, 80	40	60, 120	18, 20		L.Jones	74869
			03GA-OD2	57.44	240	80	40	60	18			
2003/4	L164	Curnamona, SA, 2003 and 2004	03GA-CU1	197.50	240	80	40	60	18	PIRSA, pmd*CRC	T.Fomin	74868

Year	Project	Survey Name	GA Line Code	Line Length [km]	No of Channels	Nominal Shot interval [m]	Group interval [m]	Nominal Fold	Record length [sec]	Partners	Processors	Geocat#
2005	L171	Tanami, WA and NT, 2005	05GA-T1	354.24	240	80	40	60	20, 22, 24	NTGS, GSWA, Newmont Australia, Tanami Gold NL	D.Johnstone, B.Goleby, L.Jones	74860
			05GA-T2	101.80	240	80	40	60	20			
			05GA-T3	179.20	240	80	40	60	20			
			05GA-T4	84.40	240	80	40	60	20			
2005	L173	Thomson-Lachlan, NSW, 2005	05GA-TL1	99.20	240	80, 40	40	60, 120	22, 20	NSW DMR, pmd*CRC	R.Costelloe	74857
			05GA-TL2	115.52	240	80, 40	40	60, 120	18, 20, 22			
			05GA-TL3	73.20	240	80, 40	40	60, 120	22			
2006	L178	Central Victoria, VIC, 2006	06GA-V1	140.76	240	80	40	60	20	pmd*CRC, GSV	R.Costelloe, A.Nakamura	74819
			06GA-V2	106.56	240	80	40	60	20			
			06GA-V3	72.08	240	80	40	60	20			
			06GA-V4	78.24	240	80	40	60	20			
2006	L180	Mt Isa, QLD, 2006	06GA-M1	74.84	240	80	40	60	20	GSQ, pmd*CRC, ZINIFEX	H.Tassell, L.Jones, R.Costelloe, J.Holzschuh, E.Saygin	69674
			06GA-M2	62.00	240	80	40	60	20			
			06GA-M3	120.92	240	80	40	60	20			
			06GA-M4	200.00	240	80	40	60	20			
			06GA-M5	159.52	240	80	40	60	20			
			06GA-M6	283.20	240	80	40	60	20			
2007	L184	Mt Isa-Georgetown- Charters Towers, QLD, 2007	07GA-IG1	439.56	240	80	40	60	20	GSQ	A.Nakamura	69254
			07GA-IG2	243.04	300	80	40	75	20			
2007	L185	Georgetown Charters Towers, QLD, 2007	07GA-GC1	492.92	300	80	40	75	20	GSQ	J.Holzschuh, E.Saygin	69255
2007	L186	Far North Queensland, QLD, 2007	07GA-A1	205.40	300	80	40	75	20	AuScope, GSQ	H.Tassell, R.Costelloe	69256

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2008 and 2009	L188	Rankins Springs, NSW, 2008 and 2009	08GA-RS1	126.24	300	80	40	75	22	NSW DPI	L.Jones, T.Fomin	68234
			08GA-RS2	106.28	300	80	40	75	22			
			09GA-RS2	43.76	300	80	40	75	22			
2008	L189	Gawler-Curnamona-Arrowie, SA, 2008	08GA-G1	253.48	300	80	40	75	20	PIRSA	J.Holzschuh, E.Saygin, A.Nakamura	69460
			08GA-A1	60.40	300	80	40	75	20			
			08GA-C1	262.16	300	80	40	75	20			
2008	L190	GOMA, NT and SA, 2008	08GA-OM1	634.52	300	80	40	75	20	NTGS, PIRSA, AuScope	R.Costelloe, J.Holzschuh	70579
2009	L191	Curnamona-Gawler Link, SA, 2009	09GA-CG1	144.44	300	80	40	75	20	PIRSA	T.Fomin	70391
2009	L192	Georgina-Arunta, NT, 2009	09GA-GA1	372.92	300	80	40	75	20	NTGS	A.Nakamura	71425
2009	L193	Southern Delamerian, VIC, 2009	09GA-SD1	147.40	300	80	40	75	20	AuScope, GSV, PIRSA	L.Jones	71389
			09GA-SD2	48.60	300	80	40	75	20			
2009	L194	Ararat, VIC, 2009	09GA-AR1	69.64	300	80	40	75	20	GSV	L.Jones	71390
2010	L195	Capricorn, WA, 2010	10GA-CP1	198.00	300	80	40	75	20	GSWA, AuScope	R.Costelloe, J.Holzschuh, T.Fomin	72863
			10GA-CP2	276.80	300	80	40	75	20			
			10GA-CP3	106.40	300	80	40	75	20			
2010	L196	Youanmi, WA, 2010	10GA-YU1	302.16	300	40, 80	40	75, 150	20	GSWA, Royalties for Regions	R.Costelloe, L.Jones	74423
			10GA-YU2	282.80	300	40, 80	40	75, 150	20			
			10GA-YU3	109.84	300	40, 80	40	75, 150	20			
2011	L199	YOM, WA, 2011	11GA-YO1	484.24	300	80	40	75	20 & 22	GSWA, Royalties for Regions	J.Holzschuh	75097
2011	L200	Southern Carnarvon, WA, 2011	11GA-SC1	259.32	300	80	40	75	20	GSWA	Velseis, R.Costelloe	72891

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2012	L201	Albany-Fraser Orogen, WA, 2012	12GA-AF1	114.04	300	80	40	75	20	GSWA, WA Royalties for Regions	R.Costelloe, J.Holzschuh, T.Fomin	78966
			12GA-AF2	158.40	300	80	40	75	20			
			12GA-AF3	319.12	300	80	40	75	20			
			12GA-T1	80.32	300	80	40	75	20	AngloGold		
2013	L202	Yathong Trough, NSW, 2013	13GA-YT1	97.80	300	80	40	75	22	GSNSW	Velseis	89798
			13GA-YT2	131.80	300	80	40	75	20			
2013/2014	L203	Eucla Gawler, WA/SA, 2013-2014	13GA-EG1	834.06	600	80	20	75	20	GSWA, WA Royalties for Regions, GSSA, AuScope	J.Holzschuh	89637
2014	L204	Southeastern Mt Isa, Qld, 2014	14GA-CF1	669.3	600	80	20	75	20	GSQ	R.Costelloe	89638
2014	L205	Canning Coastal, WA, 2014	14GA-C1	562.36	600	40	20	150	20	GSWA	DownUnder	89799
			14GA-C2	143.28	600	40	20	150	20			
2014	L207	Boulia, Qld, 2014-2015	14GA-CF2	368.72	600	80	20	75	20	GSQ	DownUnder	
			14GA-CF3	338.88	600	80	20	75	20			
2015			15GA-CF3	139.60	600	80	20	75	20			

Abbreviations: for partner organisations

PIRSA Primary Industries and Resources South Australia
GSSA Geological Survey South Australia
GSWA Geological Survey Western Australia
GSQ Geological Survey of Queensland
GSV GeoScience Victoria, Department of Primary Industries
NTGS Northern Territory Geological Survey
NSW DPI New South Wales Department of Primary Industries
NSW DMR New South Wales Department of Mineral Resources

TDR Tasmania Development and Resources
AuScope An organisation for a National Earth Science Infrastructure Program
UWA University of Western Australia
AGCRC Australian Geodynamics Cooperative Research Centre
pmd*CRC Predictive Mineral Discovery Cooperative Research Centre
Mimex Mt Isa Mines Exploration Pty. Ltd.
AngloGold AngloGold Ashanti Limited

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