

APPENDIX 4

Coal AtPs 1960–1980 Northern Galilee Basin

Appendix 4: Coal Authorities to Prospect 1960 to 1980, Northern Galilee Basin

Coal Authority to Prospect (AtP) Number	Principal Holder / Operator (at grant)	Grant Date	Date non-current	Comments	Open File QDEX Reports Company Report (CR) Nos.
AtP 56C	Thiess Bros. Pty. Ltd.	November 1968	November 1969		CR 3479
AtP 58C	Thiess Bros. Pty. Ltd.	November 1968	November 1969		CR 3479
AtP 136C ('Wendouree')	Dampier Mining Co. Ltd.	February 1974	February 1977	240 sub-block area offered for release from Departmental Area 55D seeking applications for coal AtP; refer <i>Queensland Government Mining Journal</i> , 74 (862), 268-9. CR48743 (QDEX Reports)	CRs 4999, 5205, 5323, 5519, 5783, 5849, 5850, 5851, 5852, 5853, 5854, 5855, 5856, 5857, 5858, 5861
AtP 137C ('Degulla')	Shell Development Australia Pty Ltd and Western Mining Corporation as 50/50 Joint Venture	February 1974	February 1976	240 sub-block area offered for release from Departmental Area 55D seeking applications for coal AtP; refer <i>Queensland Government Mining Journal</i> , 74 (862), 268-9. CR48743 (QDEX Reports)	CRs 4987, 5165, 5414, 5499, 5699, 5899
AtP 211C*	Otter Exploration N.L.	September 1977	September 1978	300 sub-block area to investigate reported coal occurrences in Eromanga Basin strata; 'Bush Pelican Bore'.	CRs 6374, 6689, 6690, 6691
AtP 214C*	Houston Oil and Minerals Australia Ltd. Incorporated	December 1977	September 1979	300 sub-block area Eromanga Basin strata investigated; some thin coals encountered at relatively shallow depth (100 m) Exclude from table and map for Galilee report	CRs 6579, 6897, 7028
AtP 228C*	Houston Oil and Minerals Australia Ltd. Incorporated	June 1978	September 1979	500 sub-block area. Coal occurrences investigated were reported occurrences in strata of the overlying Eromanga Basin comprising ?Middle-Late Jurassic Blantyre Sandstone (Blantyre beds). These coal occurrences included the reported Blantyre bore intersection.	CR 6827
AtP 244C ('Kevins Corner')	Hancock & Wright Prospecting Pty Ltd.	December 1978	AtP 244C expired 30 th April 1996; replaced by MDL 190; granted 1 st May 1996.	230 sub-block area initially. Kevins Corner coal deposit. Currently held under tenure as Mineral Development Licence (MDL) 333.	CRs 7834, 12693, 15900
AtP 245C ('Alpha')	Bridge Oil Ltd.	December 1978	AtP 245C became non-current in September 1989; subsequent related tenure have included AtP 17CR, EPC 484 and EPC 570.	230 sub-block area initially. Alpha coal deposit. Currently held under tenure as MDL 285.	CRs 7187, 7593, 7637, 7886, 8038, 8175, 8882, 9361, 9913, 10802, 11090, 11413, 12043, 12134, 12702, 13285, 14036, 14386, 15138, 15410, 15944, 16574, 19179, 19368, 19578, 20642, 20690, 21115
AtP 249C ('Pentland')	Shell Company of Australia Limited	January 1979		Held under a variety of different coal related tenure since initial grant (Initially granted to Shell and subsequently held as retention Authority to Prospect (coal) AtP 1CR and later as EPC 460, following which the area was untenured for a period. The area includes deposits referred to by Shell as Elimeek (north of Flinders Highway), Lauderdale (south of Flinders Highway), and Milray. Elimeek currently held as MDL 361 and Lauderdale held as MDL 356. Milray currently held under tenure as EPC 771.	CRs 7297,7684, 8077, 8683, 9129, 10050, 10408, 10781, 11791, 12258, 12781, 12782, 13022, 13306, 14150, 14603, 16241
AtP 273C ('Burdekin' coal prospect)	Metals Exploration Pty Ltd.	September 1979		Together with AtP 274C & AtP 3187C to investigate region around GSQ Charters Towers 1	CRs 8058, 8615
AtP 274C ('Burdekin' coal prospect)	Metals Exploration Pty Ltd.	September 1979		Exploration in region around GSQ Charters Towers 1; links with AtPs 273C & 318C; latter granted to Metals Exploration Pty Ltd Sept 1980	CRs 8058, 8615
AtP 289C ('Flinders')	Carpentaria Exploration Company Pty Ltd.	April 1980	June 1982	Widely spaced boreholes in the region between Porcupine and Torrens Creeks north-west of Pentland. Thin seams of poor quality coal; only two boreholes reportedly had coals of 'significant thickness' at <150 metres depth.	CRs 8352, 9513, 9747, 11876

Coal Authority to Prospect (AtP) Number	Principal Holder / Operator (at grant)	Grant Date	Date non-current	Comments	Open File QDEX Reports Company Report (CR) Nos.
AtP 318C ('Balfes Creek')-	Metals Exploration Pty Ltd. (in Joint Venture)	September 1980	March 1982	Links to AtPs 273C & 274C aimed at investigating region around GSQ Charters Towers 1 (Balfes Creek); refer QGMJ, 81(949), 542–549. CR48831 (QDEX Reports)	CRs 8858, 10115
AtP 365C*	Drayton Investments Pty Ltd	October 1981	November 1981	Granted only for a very brief period; target of exploration uncertain.	No company reports submitted. Location suggests coal exploration target quite probably coals in Eromanga Basin strata. Down-dip of, and adjoining, AtP 366C
AtP 366C*	Drayton Investments Pty Ltd	August 1981	November 1981	Granted only for a very brief period; target of exploration uncertain.	No company reports submitted. Location suggests coal exploration target quite probably coals in Eromanga Basin strata.
AtP 373C ('White Mountains')	BP Australia Limited	October 1981	December 1982	Targets nominally included Jurassic coals in the Eromanga Basin – Blantyre Sandstone (Blantyre beds) and late Permian coals (Betts Creek beds) in the underlying Galilee Basin	CRs 10409, 12026 AtP 373C adjoined AtP 289C explored by Carpentaria Exploration Company Pty Ltd. Ten (10) predominantly non-cored boreholes drilled at 8 sites. Seemingly difficult drilling conditions; numerous holes abandoned prior to reaching nominal target depth. No coal seams of significance intersected; area relinquished.
AtP 378C* ('Blantyre')	Eastern Copper Mines NL and Gulf & Western Exploration Pty Ltd	November 1981	Surrendered	Target for coal exploration were Jurassic aged coals in the Eromanga Basin – Blantyre Sandstone (Blantyre beds). Report provides a good overview of historical investigations for, and known occurrences of, these coals in the region. Six predominantly non-cored holes drilled. Those intersecting coal were in close proximity to water bores where coal had been previously recorded. Concluded the coals were lenticular and discontinuous, having probably undergone erosion events. Two bore holes prematurely abandoned and two of the other four holes failed to intersect coal. Area subsequently surrendered.	CR 10456
AtP 395C	Total Energy Development Australia Pty Ltd and CdF Minerals Pty Ltd as 50/50 Joint Venture	July 1982	Surrendered November 1982	Nominal target were coals in the Betts Creek beds. One non-cored borehole drilled to about 270 metres; prematurely abandoned apparently due to problems with maintaining circulation. A thin inferior coal and carbonaceous mudstone interval was intersected at about 64.5 metres depth; considered to be of Jurassic age (?Blantyre Sandstone/Blantyre beds). Area subsequently surrendered.	CR 11249

*Either Galilee Basin strata were not the nominal target for exploration or no active field exploration was undertaken.