

**EL 25397 PREVIOUS TENURE**

<b>TENURE</b>	<b>REPORTS</b>	<b>COMMENTS</b>	<b>SAMPLING</b>
AP 2167	CR1970-0075	Borroloola area, NT (Calvert, Redbank, Wearyan, and Batten Creek blocks) 1969 exploration programme. Manganese enriched deposits to be explored further.	All sampling outside of EL25397
AP 3385	CR1971-0125 CR1971-0145	Final report on prospecting activities in Robinson River area, NT. No significant concentrations of heavy minerals in the sand deposits were found. Progress report on prospecting activities in the Robinson River Area. No significant concentrations of heavy minerals were found.	No samples within EL25397
EL 1285	CR1977-0151  CR1980-0072  CR1981-0052	EL 1285, Seven Emu Homestead, Annual Report year ending 27-9-77. Search for manganese based on the Groote Eylandt model. Photogeological mapping followed by helicopter survey. Mapped laterite and looked for Mn at Proterozoic/Cretaceous boundaries. Concluded that laterite is a consistent unit but not associated with Mn mineralisation, and only minor or no Mn at Proterozoic/Cretaceous boundary. EL 1285, Seven Emu Homestead, Annual report year ending 27-9-79. Reconnaissance drill programme, with selected intervals sent for geochem analysis, and some holes selected for age dating. Samples collected for microfossil analysis, in order to correlate the Cretaceous sed in this area with those at Groote Eylandt. No results reported or conclusions made in this report. 56 holes totalling 796m. EL1285, Final Report, Seven Emu Area. Surface and drill testing was carried out during life of tenure in an area where potential existed for Groote Eylandt Mn in Cretaceous sediments onlapping Proterozoic rocks. The Proterozoic outcrop was interpreted as providing an embayed paleocoastline during the Cretaceous, giving protection for Mn distribution. Adequate testing revealed Albian age Cretaceous clay sands overlying a smooth, gently sloping pre-Cretaceous surface. No Groote Eylandt style Mn mineralisation was found. Small Mn accumulations in Karns Dolomite were considered to have no potential.	2 laterite samples within EL25397; not recorded; not significant
EL 1612	CR1979-0011  CR1980-0075 CR1980-0129 CR1981-0075	Skeleton Creek & Pungalina, NT, Annual report for year ending 28-10-78. Planned drilling not commenced as permission withheld by Currawa Tide. Awaiting NLC decisions. Quarterly report year ending 28-1-80. No abstract. Annual report on exploration, Skeleton Creek & Pungalina for year ending 28-10-79. No conclusions or recommendations. EL 1612 Skeleton Creek, NT Final report. Surface and drill testing was carried out in an area of potential for Groote Eylandt style Mn. Albian age Cretaceous clay sands overlap gently sloping pre-Cretaceous land surface. No manganese of Groote Eylandt style located.	EL1612_1613_Dhole_Data.tab
EL 1613	CR1979-0011  CR1980-0075 CR1980-0129 CR1982-0171	Skeleton Creek & Pungalina, NT, Annual report for year ending 28-10-78. Planned drilling not commenced as permission withheld by Currawa Tide. Awaiting NLC decisions. Quarterly report year ending 28-1-80. No abstract. Annual report on exploration, Skeleton Creek & Pungalina for year ending 28-10-79. No conclusions or recommendations. EL 1613 Pungalina, NT Final report. The lack of manganese oxide intersections and definite Cretaceous sediments indicates little potential for Groote Eylandt type deposits.	EL1612_1613_Dhole_Data.tab
EL 2564	CR1982-0041  CR1982-0371  CR1983-0171	First annual report on exploration carried out 1st year. Gravity and magnetic surveys have detailed anomalies in the Sandy Creek Area. A radioactive phosphatic unit crops out in South of EL2564. The unit appears to consist of separate lenticular beds. Uranium is associated with the phosphate, while copper mineralisation is more common in adjacent flaggy units containing re-worked phosphatic material. Annual report on exploration. Looking for U/Cu mineralisation. Found high U and Cu mineralisation in some areas near the surface - associated with a higher phosphate content. Gravity and coincident mag anomaly on central area of EL2564 remains unresolved. 12 percussion holes totalling 398m in 1981; 2 diamond holes in EL3045 in 1982; 3 percussion holes in 1982 Final report on exploration for period October 1980 to May 1983. Due to limited extent and low grade of the southern anomaly no further examination was carried out.	All drilling outside of EL25397

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EL 2565	CR1982-0041	First annual report on exploration carried out 1st year. Gravity and magnetic surveys have detailed anomalies in the Sandy Creek Area. A radioactive phosphatic unit crops out in South of EL2564. The unit appears to consist of separate lenticular beds. Uranium is associated with the phosphate, while copper mineralisation is more common in adjacent flaggy units containing re-worked phosphatic material.	All drilling outside of EL25397
	CR1982-0371	Annual report on exploration. Looking for U/Cu mineralisation. Found high U and Cu mineralisation in some areas near the surface - associated with a higher phosphate content. Gravity and coincident mag anomaly on central area of EL2564 remains unresolved. 12 percussion holes totalling 398m in 1981; 2 diamond holes in EL3045 in 1982; 3 percussion holes in 1982	
	CR1983-0171	Final report on exploration for period October 1980 to May 1983. Due to limited extent and low grade of the southern anomaly no further examination was carried out.	
EL 4077	CR1984-0025	Annual report for year ending 23-12-83, Running Creek Northern Territory. One diamond and three microdiamonds detected, no indicator minerals. Six anomalies loam were sampled.	5 samples captured in DIM Database. EL4077 Rock Chip Data.xls has 7 rock chip samples; 1 petrology sample; EL25397_Historic Rock Chip Data.xls
	CR1985-0055	Annual report, Running Creek, year ending 22-12-74. Geochemical analyses do not suggest kimberlitic or lamproitic lithologies. Further results are still to come.	
	CR1986-0031	Final report for Running Creek prospect, period ending 13-11-1985. One diamond was observed in drainage sampling near Running Creek Yard. Follow-up sampling revealed one microdiamond. Magnetic anomalies were sampled and three microdiamonds were recovered.	
EL 5468	CR1988-0362	Annual Report year one period ending 13-08-1987 to 12-08-1988. No abstract.	
	CR1989-0588	Annual Report Exploration Programme 13 August 1988 to 12 August 1989. Geological mapping indicate that breccia pipes (cause unknown) occur in sequence in the central section of the licence, copper mineralisation is associated with these pipes. One macrodiamond was recovered during year one. Diamond potential for this area is yet to be determined.	
	CR1991-0126	Annual report on exploration programme year three 13 August 1989 to 12 August 1990. Exploration has confirmed the presence of a large number of trachyte filled breccia pipes, which have anomalous copper geochemistry which have the potential to be an economically extractable resource. Petrographic analysis indicates copper mineralisation secondary due to surficial enrichment.	
	CR1991-0203	Second annual report, period ending 15 December 1990. Drill testing of potential "Redbank-style" breccia targets within the MCNs was completed. 9 percussion drill holes were completed. 179 samples were collected and assayed. Weak to moderate copper mineralisation was encountered at Running Creek prospect (MCN's 2688 and 2691) and the Saltlick prospect (MCN 2690). The best intercept was 20m at 1.02% Cu from surface including 6m at 2.5% Cu from 4m at the Saltlick prospect within basalt, sandstone-siltstone sequence. Ground magnetic surveys were completed over selected portions of the MCNs	
	CR1991-0216	Report on exploration programme. 38 auger drill holes returned anomalous values for copper.	
	CR1992-0188	EL 5468 Running Creek, EL 7174 Collar Creek, EL 7225 Hobblechain Creek, NT, combined annual report for period ending 30-03-1992. Exploration based on locating a Red Bank style of deposit. To this end several likely sites (Stanton, Billton, Archangel and Monster) were examined by a shallow drilling project and ground magnetics. No significant assays were obtained from the Monster Prospect. The remaining prospects returned elevated copper and cobalt values. Billton and Stanton prospects returned anomalous gold values -6m at 0.16g-t Au from PD90RC10 Billton, and 6m at 1.2g-t Au from PD90RC13, Stanton Prospect. DD91CCKI returned no anomalous base metal values from the Gold Creek Volcanics. It did return 2m at 0.11pp Au from this unit. Elevated Cu, Co and Zn values (1116ppm Cu, 174ppm Co and 1470ppm Zn) were obtained from units of the Wollogorang Formation. Assays of material from the Settlement Creek Volcanics recorded elevated Zn (920ppm) and elevated Ba (1300ppm) values. The work to date has downgraded the potential of cupiferous breccia bodies in EL5468, and shown a broad potential for sediment hosted base metal mineralisation	

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	CR1993-0136	Fifth annual report EL 5468 Running Creek year ending 12 August 1992 W J Fisher-Running Creek Farm-In and joint venture. A stratigraphic drill hole (total depth 328.53m) was completed to test the base metal potential of the Gold Creek Volcanics and its contact with the Wollongorang Formation. No significant base metal values were obtained from the Gold Creek Volcanics. Weak Cu (5.17 m at 403ppm) and Zn (1.4m at 0.6% Zn) was obtained from the basal Wollongorang Formation. Soil sampling at the Stanton Prospect confirmed the Cu-Co anomaly. It was further verified by a percussion drill programme (maximum 8m at 0.39% Co and 4m at 0.39% Cu). Work at the Gregjo Prospect showed the mineralisation to be localised.	No work within EL25397
	CR1993-0687	EL 5468 Running Creek, NT (Excised area) final report for period ending 12-08-1993. Diamond exploration in this area has proved negative. Work to date to test the area for base metals has highlighted an area of coincident Cu-Co anomalism associated with a magnetic high, which is referred to as the Stanton Prospect. Drilling has returned values to 25m at 0.23% Cu and 0.14% Co with 6m 0.2g-t Au.	
	CR1993-0688	Final report for the period ending 12-08-1993. A comprehensive mineral exploration programme was completed over the licence area including geological mapping, rock chip and stream sediment sampling, RC percussion drilling as well as airborne and ground geophysics. The work recovered one macrodiamond and returned anomalous gold, copper and zinc values. The anomalous values however are not believed to be associated with economic mineralization.	
	CR1993-0776	Annexure to renewal of mineral claims numbers 2688-2691. This work summarises the work to date on these MCN's which is presented in full within the relevant annual reports. These claims cover area containing 'Redbank Style' mineralization with some potential to host Cobalt mineralization.	
EL 7174	CR1992-0188	EL 5468 Running Creek, EL 7174 Collar Creek, EL 7225 Hobblechain Creek, NT, combined annual report for period ending 30-03-1992. Exploration based on locating a Red Bank style of deposit. To this end several likely sites (Stanton, Billton, Archangel and Monster) were examined by a shallow drilling project and ground magnetics. No significant assays were obtained from the Monster Prospect. The remaining prospects returned elevated copper and cobalt values. Billton and Stanton prospects returned anomalous gold values -6m at 0.16g-t Au from PD90RC10 Billton, and 6m at 1.2g-t Au from PD90RC13, Stanton Prospect. DD91CCKI returned no anomalous base metal values from the Gold Creek Volcanics. It did return 2m at 0.11pp Au from this unit. Elevated Cu, Co and Zn values (1116ppm Cu, 174ppm Co and 1470ppm Zn) were obtained from units of the Wollongorang Formation. Assays of material from the Settlement Creek Volcanics recorded elevated Zn (920ppm) and elevated Ba (1300ppm) values. The work to date has downgraded the potential of cupiferous breccia bodies in EL5468, and shown a broad potential for sediment hosted base metal mineralisation	
	CR1993-0190	Combined Final Report for Excised Tenements period ending 1 December 1992 EL 7174 Collar Creek, EL 7225 Hobblechain Creek W J Fisher-Running Creek Farm-In and Joint Venture. Review of data acquired to date has failed to identify any untested targets. Open file airborne geophysics reprocessed in house.	
EL 7226	CR1992-0031	Final Report Excised Tenements Running Creek Farm-In and Joint Venture. Geochemical analysis returned no significant geochemical anomalism.	EL25397_Historic Rock Chip Data.xls

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EL 7314	CR1992-0057	First and final Report EL 7314 Pungalina Creek period ending 25 November 1991. 39 stream sediment and 18 rock chip samples were collected over the licence area undergoing multielement analysis. No results were considered anomalous	43 stream sed samples in EL7314_EL7320_80 mesh_streamsediment.xls; EL25397_Historic Stream Sed Data.xls. 27 rock chip samples in EL25397_Historic Rock Chip Data.xls
EL 8084	CR1994-0551	Annual report EL 8084 12-07-1993 to 11-07-1994. 33 gravel samples were collected and analysed for diamonds and indicator minerals. Results were negative.	30 stream sed samples within EL25397 but results reported only for 8 samples. In EL25397_Historic Stream Sed Data.xls. 2 Rock chip locations in EL25397 but no assays.
	CR1995-0603	Annual report exploration licence 8084 12th July 1994 to 11th July 1995. Additional work will be dependent on results from bulk and 36 stream samples collected.	
	CR1996-0813	Annual report ELs 8084, 8098 and 8115 Running Creek 12-07-1995 to 11-07-1996. Diamond Exploration: A total of 27 gravel & three loam samples were collected. On EL8084 24 gravel samples were collected. Of these 2 were positive with sample RBR0501 having a single Microdiamond and sample RBR00506 with 2 chromites. Two samples taken to follow-up RBR00506, and one taken downstream of magnetic anomaly GMRC02. These samples have not been processed. From the previous year six samples proved positive with a single microdiamond each. Two loam samples were taken on magnetic targets GMRC01 and GMRC03. These samples not processed as yet. On EL8115 - 1 loam sample was taken over magnetic anomaly and GMRC04 not processed yet. On EL8098 there was nil sampling, no magnetic anomalies. On EL8115 & EL8084 the 2 bulk (50 tonne) gravel samples taken over the previous reporting period have both proved negative. Base Metal Exploration: Two aeromagnetic/radiometric surveys, two airborne TEM surveys and geochemical sampling. EL8115-A geotem anomaly "RB1" has been identified as a possible Redbank style Cu pipe ground TEM, and possible drill testing may follow. EL8098-8115-8084 Orientation Survey: 57	
	CR1997-0683	Final report exploration licences 8084, 8098 & 8115 "Running Creek" 12th July, 1993 to 11th July, 1997. Diamond exploration consists of 150 stream-loam samples and 2 bulk samples. 8 samples were positive for EL8084 and one positive result was obtained from EL8098. Soil sampling outlined an area of Cu-Co anomalism. Follow up RC drilling proved disappointing. Drill holes intersected strongly altered basalts of the Gold Creek Volcanics. Review downgraded the prospectivity of the area. of 150 stream-loam samples 22 bulk samples.	
EL 8115	CR1994-0562	Annual report EL 8115 12-07-1993 to 11-07-1994. 6 gravel samples were collected. All samples were negative.	30 stream sed samples within EL25397 but results reported only for 8 samples. In EL25397_Historic Stream Sed Data.xls. 2 Rock chip locations in EL25397 but no assays.
	CR1995-0602	Annual report, exploration licence 8115 12th July 1994 to 11th July 1995. Additional work dependant on results of bulk and 19 stream samples collected.	
	CR1996-0813	Annual report ELs 8084, 8098 and 8115 Running Creek 12-07-1995 to 11-07-1996. Diamond Exploration: A total of 27 gravel & three loam samples were collected. On EL8084 24 gravel samples were collected. Of these 2 were positive with sample RBR0501 having a single Microdiamond and sample RBR00506 with 2 chromites. Two samples taken to follow-up RBR00506, and one taken downstream of magnetic anomaly GMRC02. These samples have not been processed. From the previous year six samples proved positive with a single microdiamond each. Two loam samples were taken on magnetic targets GMRC01 and GMRC03. These samples not processed as yet. On EL8115 - 1 loam sample was taken over magnetic anomaly and GMRC04 not processed yet. On EL8098 there was nil sampling, no magnetic anomalies. On EL8115 & EL8084 the 2 bulk (50 tonne) gravel samples taken over the previous reporting period have both proved negative. Base Metal Exploration: Two aeromagnetic/radiometric surveys, two airborne TEM surveys and geochemical sampling. EL8115-A geotem anomaly "RB1" has been identified as a possible Redbank style Cu pipe ground TEM, and possible drill testing may follow. EL8098-8115-8084 Orientation Survey: 57	

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EL 8533	CR1996-0614	Carnegie farm-in agreement EL 8533 Calvert River project, NT, first annual report for period ending 16 July, 1996. A detailed airborne magnetic survey was flown over the title and a detailed interpretation. In addition 145-80# stream sediment samples were collected. 2 areas of low level copper anomalism were outlined.	CR19960614_AeromagneticInterLines.tab; added 144 -80# stream seds to EL25397_Historic Stream Sed Data.xls BUT coords in table don't match coords on map. Used coords on map.
	CR1997-0550	Carnegie Farm-in agreement EL 8533 Calvert River project, NT second annual report for period ending 16 July, 1997. A circular feature designated Calvert 1, was followed up by ground magnetics and a single gravel sample. No kimberlitic indicators were observed. Base metal investigations included 32 -80# stream, 74-20# + 40# soil and 4 rock chip samples. No anomalous base metal values were received. 32 -80# stream sediment samples. 74-20# + 40# soil samples. 4 rock chip samples	Added 12 stream seds to EL25397_Historic Stream Sed Data.xls; added 4 rock chips to EL25397_Historic Rock Chip Data.xls; captured location of infill soil samples - 73 soils in EL25397_Soil Sample Data.xls
	CR1997-0629	EL 8533 Calvert River Project, N.T. partial relinquishment report for period ending 16 July 1997. 1 stream sediment sample was collected. Values are not regarded as significant. Other work completed consisted of a detailed airborne magnetic/radiometric survey.	
	CR1998-0666	Assessment of Batten aeromagnetic surveys Carnegie Minerals data. The report submitted is an assessment by Ashton Mining Ltd of the aeromagnetic data with the aim of locating magnetic anomalies indicative of kimberlitic intrusions. Although a number of anomalies were generated, they were interpreted to be cultured, recent sediment accumulations or reflecting noise from underlying volcanics.	No geochem data
EL 8534	CR1996-0561	Annual report to the Department of Mines and Energy Northern Territory, reporting period 17-07-1995 to 16-07-1996. 4200 line km of airborne magnetic and radiometric data was acquired over the licence. 3 distinct magnetic domains were identified. Enhancement identified several deep seated dipolar anomalies. Samples were collected from 7 sites. At each site a geochemical and gravel sample were collected. The results re-diamond indicators is still outstanding. Results of geochemical sampling were not significant.	1 geochemical and 1 gravel samples collected from each 7 sites; NONE in EL25397 so not captured
	CR1997-0520	Annual report to the Department of Mines and Energy Northern Territory exploration licence EL 8534 reporting period 17-07-1996 to 16-07-1997. No sampling completed during the second year of the licence. Results from the 7 heavy fraction samples collected in the previous year were negative. Reinterpretation of the airborne magnetics identified a number of deep seated dipolar magnetic anomalies.	

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EL 8856	CR1995-0874	EL 8856 first annual report for year ending 07-11-1995. 4 RC holes (368m) and 3 diamond holes (575.3m) were drilled to test the thickness of cover over the Tawallah Group and determine the stratigraphy undercover. This drilling indicated that the Gold Creek Volcanics lies beneath less than 100m cover in the western and southern edges of the title outcrops in the NW and is absent in the east.	DD95GC007 drilled to 268.2m in EL25397_Drillhole Data.xls
	CR1996-0880	EL 8856 Gum Creek, NT, second annual report year ending 07-11-1996. An airborne magnetic-radiometric survey totalling 260 line km was completed in the NW of the licence and merged with existing data. Major NW and East West trenching faults were identified as well as extensions to the Gold Creek Volcanics under shallow cover. No uranium anomalies were identified. 22 stream sediment samples were collected from drainages draining the upper Gold Creek Volcanics. No anomalous base metal values were obtained.	16 of 22 stream sediment samples in EL25397_Historic Stream Sed Data
	CR1997-0080	EL 8856 Gum Creek part relinquishment report for year ending 07-11-1996. Drilling demonstrated that the cretaceous cover is at 100m thick within the north of the relinquished area and thins to the south. In the south of the Gold Creek Volcanics was not present. No significant base metal values were obtained. 3 stream sediment samples failed to return any significant values.	RC drillholes not captured as outside of tenement. Stream seds previously reported
	CR1998-0003	EL 8856 Gum Creek third & final report for the period ending 14th September 1997. 4 RC and 3 diamond drill holes were completed. This demonstrated that in the north of the licence the Cretaceous cover is >100m, and thins to the south. Other work completed included reconnaissance stream sediment and airborne geophysics. No significant geochemical response was received.	Exploration data captured from previous years reports. Assay data for DD95GC007 from this rpt
EL 9204	CR1996-0681	Annual report for period ending 15-08-1996, North Wearyan project EL 9204, 9205 and 9266, McArthur Basin, NT. 700 line km of airborne magnetic data were acquired over EL's 9266 and 9205. This work outlined a number of NW and NE trending linears. In addition 28 line km of airborne TEM (Geotem) was acquired on these titles. No EM targets were defined. 131 Stream sediment samples were collected from EL9204 outlining a small area of Cu-Cd anomalism in the SE. Work surrounding EL9205 outlined a trend extending into this title. EL9205 was gridded and 173 soil samples were collected on 100x200m centres. Maximum values of 217ppm Cu, 100ppm Co and 37ppm Ni were returned.	131 Stream sediment samples from EL9204; only 4 within EL25397; samples captured to EL25397_Historic Stream Sed Data.xls
	CR1997-0230	Final report for the period ending 30 January 1997, Exploration Licence 9204, Pungalina Creek, McArthur Basin, NT. 131 sites were sampled, several samples returned single element BCL anomalies. There was no significant ICP anomalism.	