

## Aircore Drilling Successfully Completed at Rockford Project

- Regional aircore drilling programme comprising 64 holes for 5,115m completed
- Olivine bearing ultramafic/mafic rocks (favourable Ni-Cu host rocks) intersected in ten drillholes
- Extensive 5,400 station gravity survey planned over south Rockford

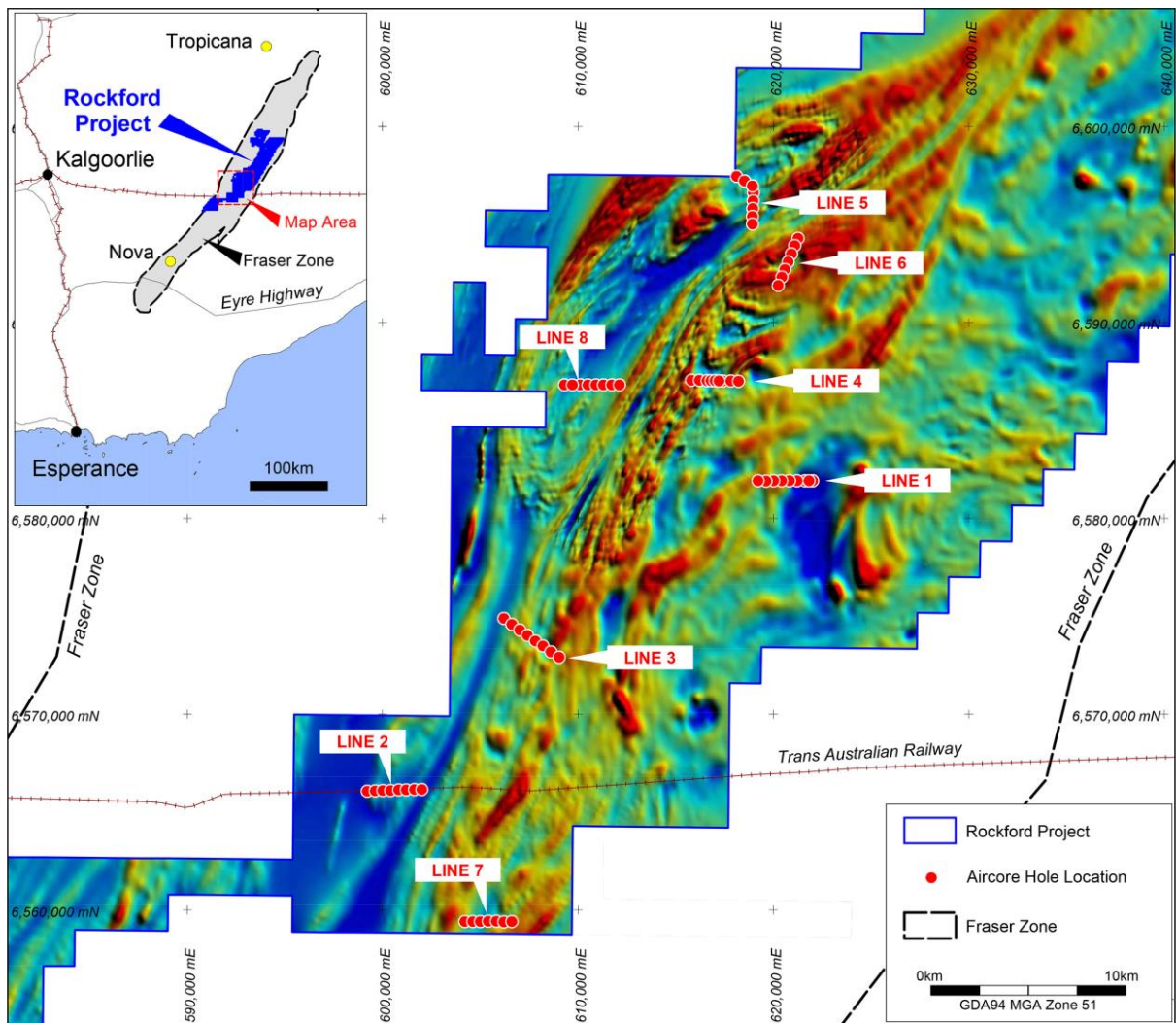
Legend Mining Limited (“Legend”) is pleased to provide an update of recent exploration activities from its Rockford Project in the Fraser Range district of Western Australia.

Legend Managing Director Mr Wilson said: “The presence of olivine bearing ultramafic/mafic rocks in ten of the 64 drill holes, with ultramafic/mafic rocks in seven of the eight traverses in a 400m spaced first pass aircore program is a very positive outcome. It is delivery of Legend’s systematic exploration strategy at Rockford Project.”



*Legend’s Chairman, Michael Atkins on site with Technical Director, Derek Waterfield and crew at the aircore drilling programme, Rockford Project, October 2016*

A regional aircore drilling programme comprising 64 holes for 5,115m was completed on 11 November 2016, see Figure 1. The drilling was undertaken over eight areas selected from aeromagnetic/gravity data and EM surveys, with the aim of providing information on the regolith profile, basement lithologies and the lithochemical signature of the basement rocks. Holes were spaced at 400m along traverses with minor infill to 200m, see Table 1 for full drillhole details.



**Figure 1: Aircore Drill Traverses on Regional Aeromagnetic Image**

Ultramafic/mafic rocks were intersected in seven of the eight traverses, and importantly olivine was observed in ten of the 64 drillholes. These results are considered highly encouraging as olivine is a key component in favourable host rocks for Ni-Cu mineralisation. The aircore drilling has greatly improved the geological knowledge in relation to the aeromagnetics and gravity data across the project.

All drillholes intersected a moderate to deep cover sequence including sediments of the Eucla Basin overlying Proterozoic basement of the Fraser Zone. The widespread occurrence of this cover sequence illustrates the necessity for aircore drilling to provide reliable geochemical information and further demonstrates the ineffectiveness of surface sampling across the Rockford Project.

All drill samples have been submitted for laboratory assays and will be analysed for an extensive multi-element suite with results expected within 3-4 weeks. Full litho-geochemical analysis of the results will follow, along with petrographic analysis of selected bottom-of-hole drill samples.

### **Gravity Survey**

Legend will undertake a 5,400 station gravity survey covering an area of 435km<sup>2</sup> over the southern portion of the Rockford Project commencing in late November. The survey will comprise 800m x 100m spaced stations with infill to 400m x 100m over areas of interest as identified. The data will be used in conjunction with existing detailed aeromagnetic data to focus the next phase of exploration in the region involving a combination of MLTEM and aircore drilling.

### **Competent Person Statement**

*The information in this report that relates to Exploration Results is based on information compiled by Mr Derek Waterfield, a Member of the Australian Institute of Geoscientists and a full time employee of Legend Mining Limited. Mr Waterfield has sufficient experience that is relevant to the styles of mineralisation and types of deposit under consideration, and to the activity being undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). Mr Waterfield consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

Visit [www.legendmining.com.au](http://www.legendmining.com.au) for further information and announcements.

### **For more information:**

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**Table 1: Aircore Drillhole Details**

Drillhole	Line No	MGA94_East	MGA94_North	RL (m)	Dip	Azimuth	Final Depth (m)
RKAC001	1	622000	6582000	200	-90	0	120
RKAC002 *	"	621600	6582008	200	-90	0	117
RKAC003	"	621200	6582000	201	-90	0	84
RKAC004	"	620805	6581993	204	-90	0	60
RKAC005*	"	620400	6582000	206	-90	0	61
RKAC006 *	"	619990	6582000	201	-90	0	73
RKAC007 *	"	619607	6581990	202	-90	0	78
RKAC008 # *	"	619200	6582000	201	-90	0	83
RKAC009 *	"	621800	6582000	200	-90	0	135
RKAC010	2	599200	6566154	205	-90	0	77
RKAC011	"	599600	6566174	206	-90	0	72
RKAC012	"	600000	6566187	206	-90	0	70
RKAC013	"	600400	6566190	206	-90	0	85
RKAC014	"	600800	6566213	203	-90	0	72
RKAC015*	"	601200	6566219	203	-90	0	84
RKAC016 *	"	601625	6566230	201	-90	0	90
RKAC017	"	602000	6566240	199	-90	0	75
RKAC018	3	606200	6574964	206	-90	0	74
RKAC019	"	606600	6574670	206	-90	0	75
RKAC020	"	607000	6574388	204	-90	0	69
RKAC021*	"	607400	6574110	202	-90	0	53
RKAC022*	"	607800	6573826	203	-90	0	32
RKAC023*	"	608200	6573560	203	-90	0	30
RKAC024	"	608600	6573268	206	-90	0	36
RKAC025	"	609020	6572986	208	-90	0	30
RKAC026	4	615800	6587140	211	-90	0	18
RKAC027	"	616208	6587130	206	-90	0	12
RKAC028	"	616590	6587118	203	-90	0	39
RKAC029	"	616795	6587113	203	-90	0	45
RKAC030	"	616994	6587109	201	-90	0	58
RKAC031 # *	"	617396	6587099	200	-90	0	74
RKAC032	"	617196	6587103	199	-90	0	57
RKAC033 # *	"	617805	6587092	198	-90	0	102
RKAC034 # *	"	618194	6587080	195	-90	0	83
RKAC035	5	618962	6596700	210	-90	0	57
RKAC036	"	618098	6597554	213	-90	0	101
RKAC037	"	618498	6597311	214	-90	0	72
RKAC038	"	618907	6597061	213	-90	0	53
RKAC039	"	618949	6596299	207	-90	0	74
RKAC040	"	618934	6595898	205	-90	0	73
RKAC041	"	618920	6595502	205	-90	0	96
RKAC042	"	618905	6595107	206	-90	0	114
RKAC043 *	6	621250	6594387	203	-90	0	108
RKAC044 # *	"	621087	6594000	202	-90	0	124
RKAC045 # *	"	620915	6593584	201	-90	0	118
RKAC046 # *	"	620748	6593186	202	-90	0	117
RKAC047 *	"	620580	6592790	203	-90	0	122
RKAC048 # *	"	620414	6592396	204	-90	0	104
RKAC049 *	"	620239	6591976	203	-90	0	122
RKAC050*	7	604196	6559497	194	-90	0	71
RKAC051*	"	604600	6559499	193	-90	0	113
RKAC052 # *	"	604996	6559497	192	-90	0	98
RKAC053*	"	605399	6559504	191	-90	0	113
RKAC054*	"	605799	6559504	191	-90	0	128
RKAC055 *	"	606195	6559484	190	-90	0	134
RKAC056*	"	606594	6559496	190	-90	0	95
RKAC057 # *	8	609298	6586899	207	-90	0	96
RKAC058	"	609704	6586897	210	-90	0	88
RKAC059	"	610105	6586895	211	-90	0	14
RKAC060*	"	610502	6586900	212	-90	0	39
RKAC061	"	610902	6586898	211	-90	0	91
RKAC062	"	611297	6586893	212	-90	0	102
RKAC063	"	611709	6586890	215	-90	0	89
RKAC064	"	612105	6586897	216	-90	0	66

Note: Co-ordinates GDA94 MGA Zone 51 # Olivine bearing ultramafic/mafic rocks; \* Ultramafic/mafic rocks

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