

ASX ANNOUNCEMENT

14 July 2022

LR5.7.1 Addendum

White Cliff Minerals Limited (**White Cliff** or the **Company**) refers to the announcement dated 6 July 2022 titled "Exploration Update for Lithium and REE". In accordance with Listing Rule 5.7.1, the Company provides the following maps and table as an addendum to the earlier announcement, that included comments on rock chip and stream samples at Abraxis and Rat Hill, that did not return significant results, from the first pass limited field trip.

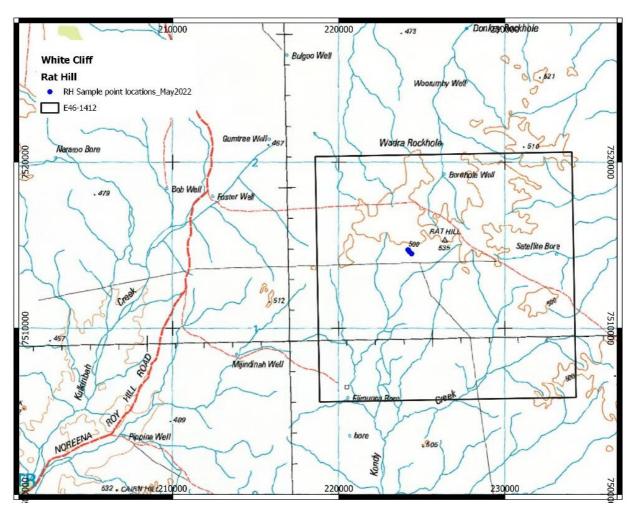


Figure 1: Rat Hill (WCN 100%) Li/REE project, tenement location and sampling sites. Refer Table 1 for sample coordinates and assay results.



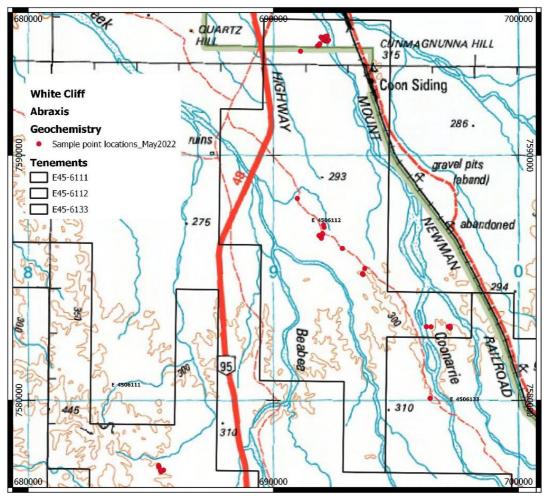


Figure 2: Abraxis (WCN 100%) Li project, tenement location and sampling sites. Refer Table 1 for sample coordinates and assay results.

This announcement has been approved by Edward Mead, technical director of White Cliff Minerals Limited.

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Competent Persons Statement

The Information in this report that relates to exploration results, mineral resources or ore reserves is based on information compiled by Mr Allan Younger, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Younger is an employee of the company. Mr Younger has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the `Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves' (the JORC Code). Mr Younger consents to the inclusion of this information in the form and context in which it appears in this report.



Table 1: Results of Samples taken at Abraxis and Rat Hill

	EASTING	NORTHING	Method	Туре	Au	Li	Ce	La	Υ	Dy	Nd	Pr
ABRAXIS	Z50	Z50			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
SAMPLE ID					L							
WCL_ABSS001	691804	7594465	ME-MS41L-REE	Strm Sed	0.0005	14.7	59.8	32	8.76	1.965	23	6.1
WCL_ABSS002	691870		ME-MS41L-REE	Strm Sed	0.0002	17.3	64.9	32.2	9.77	2.19	22.1	6.0
WCL_ABSS003	691890	7594551	ME-MS41L-REE	Strm Sed	0.0007	17.4	42.3	17.8	8.63	1.79	14.25	3.7
WCL ABSS004	692163	7594671	ME-MS41L-REE	Strm Sed	0.0006	24.9	30	15.6	13.5	2.51	13.5	3.3
WCL_ABSS005	692204		ME-MS41L-REE	Strm Sed	0.0005		23.1	10.5				
WCL ABSS006	692250		ME-MS41L-REE	Strm Sed	<0.0002	6.4	10.7	6.19			4.74	
WCL ABSS007	692007		ME-MS41L-REE	Strm Sed	<0.0002	31.9	29.2				1	
WCL ABSS008	691977		ME-MS41L-REE	Strm Sed	<0.0002	25.7	25.8		8.83			
WCL ABSS009	691946		ME-MS41L-REE	Strm Sed	<0.0002	24.9	26.1	12.1	8.61			
WCL ABSS010	692145		ME-MS41L-REE	Strm Sed	0.0002	27.6	29.2		10.75		12.7	
WCL ABSS011	692199		ME-MS41L-REE	Strm Sed	<0.0002	22.9			10.65			
WCL ABSS012	693728		ME-MS41L-REE	Strm Sed	0.0008	15.3	39.9		10.75			
WCL ABSS013	697144		ME-MS41L-REE	Strm Sed	0.0002	7.7	60.1	28.6				1
WCL ABSS014	691996		ME-MS41L-REE	Strm Sed	<0.0002	7.8	38.8		10.6			
WCL ABSS015	691942		ME-MS41L-REE	Strm Sed	0.0004							
WCL ABSS016	692069		ME-MS41L-REE	Strm Sed	0.0002	10.4	55.3	26	14.95			
WCL_ABSS017	692049		ME-MS41L-REE	Strm Sed	<0.0002	6.6	42		10.4			
WCL_ABSS018	685520		ME-MS41L-REE	Strm Sed	0.0002	13		26.1	6.35			
WCL_ABSS010 WCL_ABSS019	685429		ME-MS41L-REE	Strm Sed	0.0002				4.12	-		
WCL_ABSS020	000123	7011001	ME-MS41L-REE	Strm Sed	<0.0002	1.5	15.6			-		
WCL_AB001	691110	7594248	ME-MS41L-REE	Rock Chip	<0.0002	0.3	1.675		1.375			
WCL_AB001 WCL AB002	692124		ME-MS41L-REE	Rock Chip	<0.0002	11.6	2.41					
WCL_AB002	692125		ME-MS41L-REE	Rock Chip	0.0002	1						1
WCL_AB003 WCL_AB004	692071		ME-MS41L-REE	Rock Chip	<0.0002	2.2	7.47		3.73			
WCL_AB004 WCL AB005	692062		ME-MS41L-REE	Rock Chip	<0.0002	2.2	17.3		5.42			
WCL_AB005 WCL_AB006	692025		ME-MS41L-REE	Rock Chip	<0.0002	1.8			9.82			
WCL_AB000 WCL AB007	692024		ME-MS41L-REE	Rock Chip	<0.0002	6	17.9			-		
WCL_AB007 WCL_AB008	692097		ME-MS41L-REE	Rock Chip	<0.0002	1.1	22.1	10.5				
WCL_AB000	692115		ME-MS41L-REE	Rock Chip	<0.0002	3.5					0.621	
WCL_AB000	692122		ME-MS41L-REE	Rock Chip	<0.0002	41.2	29.3		8.04			
WCL_AB010 WCL_AB011	692816		ME-MS41L-REE	Rock Chip	0.0002	5.8	17.6					
WCL_AB011 WCL_AB012	693632		ME-MS41L-REE	Rock Chip	<0.0003	68.5	30.7		5.2			
WCL_AB012 WCL AB013	693660		ME-MS41L-REE	Rock Chip	0.0002	1			54.8			1
WCL_AB013 WCL_AB014	696433		ME-MS41L-REE	Rock Chip	<0.0003	6.1	1.975			-		
WCL_AB014 WCL AB015	697213		ME-MS41L-REE	Rock Chip	<0.0002	7.5	8.69			-	4.46	
WCL_AB016	697212		ME-MS41L-REE	Rock Chip	<0.0002	19.1	6.96				2.47	_
WCL_AB010 WCL_AB017	697209		ME-MS41L-REE	Rock Chip	<0.0002	1.8	2.47		2.23			
WCL_AB017 WCL AB018	696244		ME-MS41L-REE	Rock Chip	0.0002				14			
WCL_AB010 WCL_AB019	696400		ME-MS41L-REE	Rock Chip	0.0000							
WCL_AB019 WCL_AB020	696395		ME-MS41L-REE	Rock Chip	0.0013							
WCL_AB020 WCL_AB021	692005		ME-MS41L-REE	Rock Chip	0.0003		6.3					
WCL_AB021 WCL AB022	691959		ME-MS41L-REE	Rock Chip	<0.0002	2.7	8.55					
WCL_AB022 WCL AB023	691862		ME-MS41L-REE	Rock Chip	<0.0002	4.9	5.44				1.995	
WCL_AB023 WCL_AB024	690976		ME-MS41L-REE	Rock Chip	<0.0002	1.2	16.9				-	
WCL_AB024 WCL_AB025	685410		ME-MS41L-REE	Rock Chip	<0.0002	22.5			15.6			
WCL_AB025 WCL_AB026	685412		ME-MS41L-REE	Rock Chip	0.0002		4.15					
WCL_AB020 WCL_AB027	685399		ME-MS41L-REE	Rock Chip	0.0003		20.8				-	
WCL_AB027 WCL_AB028	685334		ME-MS41L-REE	Rock Chip	<0.0002	0.6						1
WCL_AB020 WCL AB029	685318		ME-MS41L-REE	Rock Chip	<0.0002	0.0					-	
**************************************	000010	7311344	IVIL-IVIOT IL-IVLL	TOOK OHIP	10.0002	0.4	0.00	0.10	1.000	0.040	0.00	0.001
RAT HILL				+	+							1
WCL_RTSS001	224387	751//02	ME-MS41L-REE	Strm Sed	0.0122	12.5	52.8	26.5	14.5	2.94	24.6	6.09
					-							1
WCL_RTSS002	224202		ME-MS41L-REE	Strm Sed	0.0014							1
WCL_RT001	224161		ME-MS41L-REE	Rock Chip	0.0015							1
WCL_RT002	224256		ME-MS41L-REE	Rock Chip	0.0002				7.88			
WCL_RT003	224259		ME-MS41L-REE	Rock Chip	0.0043							
WCL_RT004	224394	7514497	ME-MS41L-REE	Rock Chip	0.0002	0.6	33.9	13.8	3.55	0.792	15.6	4.03



APPENDIX 1.

The following Tables are provided to ensure compliance with the JORC Code (2012 Edition) requirements for the reporting of Exploration Results at Abraxis and Rat Hill

Section 1: Sampling Techniques and Data

(Criteria in this section applies to all succeeding sections)

Criteria	JORC Code explanation	Commentary
Sampling techniques	Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.	2 stream, and 4 rock chip samples were collected from accessible areas at the Rat Hill tenement. 20 stream and 29 rock chip samples were collected from accessible areas at the Abraxis tenements.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	Reconnaissance rockchip and soil sampling.
	Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.	Soils sieved -2mm, nominal weight 300gm from 15-20cm depths.
Drilling techniques	Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic etc) and details (e.g. core diameter, triple of standard tube, depthof diamond tails, face-sampling bit or other type, whether core is orientated and if so, by what method, etc).	No drilling is being reported.
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	No drilling is being reported.
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	No drilling is being reported.
	Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	No drilling is being reported.
Logging	Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.	Sample type and landform/regolith settings were recorded. No drilling reported.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Geochemical sample by rock chip or stream sample from regolith.
Criteria	JORC Code explanation	Commentary
	The total length and percentage of the relevant intersections logged.	Geochemical sample from regolith.



		MINE
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken.	No sub-sampling has been undertaken.
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	
	Quality control procedures adopted for all sub- sampling stages to maximise representivity of samples.	No sub-sampling has been undertaken.
	Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/secondhalf sampling.	No sub-sampling has been undertaken.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	The sample size of 0.3 kilograms for stream samples and 1-2kg for rock chip is appropriate and representative of the grain size and mineralisation style of the deposit for both stream sediment and rock chip.
Quality of assay data and laboratory tests	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.	Rock chip samples have been submitted to ALS Laboratories for analysis by Aqua Regia digest using method ME-MS41
	For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.	Elements were: Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Fe, Ga, Ge, Hf, Hg, In, K, La, Li, Mg, Mn, Mo, Nb, Ni, P, Pb, Pd, Pt, Rb, Re, S, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Y, Zn, Zr.
		REE analysed using MS41L-REE™, elements were: Dy, Er, Eu, Gd, Ho, Lu, Nd, Pr, Sm, Tb, Tm & Yb.
	Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	Assay results reviewed by 2 company personnel.
accayg	The use of twinned holes.	No drilling being reported.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	All field data was collected manually and transferred to spreadsheets. Sample location coordinates were determined and recorded using a handheld GPS.
	Discuss any adjustment to assay data.	No adjustments to sample data undertaken.
Location of data points	Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.	All locations determined by handheld GPS using GDA94 datum in UTM Zone 50 fo Abraxis and Rat Hill UTM Zone 51.
	Specification of the grid system used.	
	Quality and adequacy of topographic control.	

Criteria	JORC Code explanation	Commentary
Data spacing and distribution	Data spacing for reporting of Exploration Results.	Sampling was of a reconnaissance nature only and was not designed to achieve unbiased sampling.



Criteria	JORC Code explanation	Commentary			
	Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.	Sampling type and spacing not designed to be used in an MRE.			
	Whether sample compositing has been applied.	No compositing has been applied.			
Orientation of data in relation to geological structure	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	Sampling was of a reconnaissance nature only and was not designed to achieve unbiased sampling. No drilling reported.			
	If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	No drilling has been undertaken and orientation of structures is unknown.			
Sample security	The measures taken to ensure sample security.	All soil, laterite and rock chip samples were placed in plastic or calico bags, taken to Perth and delivered to ALS laboratory by White Cliff staff.			
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audits or reviews have been undertaken by White Cliff staff.			

Section 2: Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.	The Rat Hill exploration license E46/1412 is held 100% by Magnet Resource Company Pty Ltd, a 100% subsidiary of White Cliff Minerals Limited.
		Abraxis Lithium project: The exploration license applications, ELA45/6111, ELA45/6112 and ELA45/6133 are held 100% by Abaxis Minerals Pty Ltd, a whollyowned subsidiary of the Company.
	The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in thearea.	No tenure risk is foreseen.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Exploration activity by Fortescue Metals Group partially covers E45/6111, Abraxis.
Geology	Deposit type, geological setting and style of mineralisation.	No exploration of note at Rat Hill. Rat Hill: The project area is covers most of the Archean Rat Hill Inlier, a portion of the underlying Pilbara Craton. The sediments of the inlier are now expressed as muscovite-garnet-andalusite and corundum-muscovite-rutile schists high grade metamorphic schists.
		Abraxis: The tenements are located in the Yule River area of the southern Pilbara Craton. Dominant rock types are medium to pegmatitic granites and gneisses of the Yule Granitiod



Criteria	JORC Code explanation	Commentary
		Complex. These contain abundant greenstone xenoliths and pegmatite bodies.
Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:	No drilling being reported.
	easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length.	
	If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg. cutting of high grades) and cut-off grades are usually Material and should be stated.	No aggregation methods have been used.
	Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	No aggregation methods have been used.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalent values are being used.
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').	No mineralisation widths have been reported.
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drillhole collar locations and appropriate sectional views.	Location maps of projects within the release with relevant exploration information.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	The reporting of exploration results is considered balanced by the competent person.



Criteria	JORC Code explanation	Commentary
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	No other exploration to report.
Further work	The nature and scale of planned further work (eg. tests for lateral extensions or depth extensions or large-scale stepout drilling).	Further geochemical sampling, and gaining approvals for drilling of potential targets.
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	