ASX Code: AIV

Issued Capital

215,502,577 ordinary shares (AIV)

Market Capitalisation

$2.802M, 20th November 2024, $0.013

Directors

Min Yang (Chairman, NED)
Mark Derriman (Managing Director)
Geoff Baker (NED)
Dongmei Ye (NED)
Andrew Bald (NED)

About ActivEX

ActivEX Limited is at the forefront of mineral exploration, committed to uncovering high-value mineral resources.

With a steadfast dedication to sustainability and innovation, ActivEX aims to deliver enduring value for its shareholders and positively impact the communities in which it operates.

Suite 2, 3B Macquarie Street
Sydney, NSW 2000

admin@activex.com.au
www.activex.com.au

Phone +61 (02) 9251 9088

ABN 11 113 452 896

Exciting Rare Earth and Base Metal Results from Aramac Queensland 21st November 2024

ActivEX Limited (ASX: AIV) ("ActivEX" or "the Company") is pleased to announce that it has completed a first pass exploration at the Aramac Project (EPM28644 Fortuna and EPM28645 Ivy Leaf) Queensland. The exploration comprised geological traverses and sampling of selected outcrops with the Companies M Series Vanta pXRF (partial analyses and 2mm field of view window). A total of 76 readings were taken.

The Company has recently been granted one of the two Exploration Permits for Minerals (EPM) applications lodged in Queensland in 2022 for its Aramac Project. The Company intends to explore for rare earth elements (REE) within the kaolinitic and in part calcareous sediments of the basal Lower Cretaceous Wallumbulla Formation (Doncaster Member) and base metals (Zn/Co) and Mn/Ba in the underlying Upper Jurassic/Lower Cretaceous fine-grained sediments of the Ronlow Beds.

Key Highlights:

- **Project Overview:** The Aramac Project has two primary targets:
  - **White to Light Grey Fine-grained sediments of the Wallumbulla Formation with REE Potential:** Recent field work has delineated a 15km strike of light grey to white fine grained sediments (siltstone/shale) exposed as part of a series of roughly N-S scarps up to 12m in height that form a prominent landscape feature. A total of 67 rock samples (including 3 soil samples) were scanned along the length of the scarp where access was permitted. The sediments were near flat lying with thin vertical limonite filled fractures limonite coating. **A maximum TREO analysis of 2,794ppm was obtained with 14 samples being > 100ppm TREO**.
  - **Fine-grained iron rich sediments of the underlying Ronlow Beds with Base Metal Potential:** A dark grey to black foliated (vertical) metasediment situated below the scarp is enriched in several elements especially iron (limonite) and locally has a structural fabric. A total of 5 rock samples were scanned with results shown below

    Zn – 424ppm to 1,000ppm

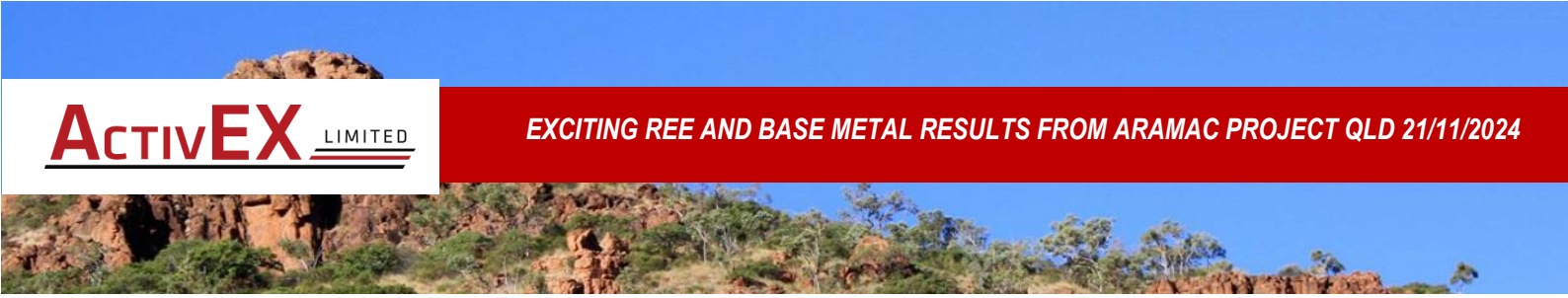
    Co – 264ppm and 1,112ppm

    Ba – 177ppm to 713ppm

    Fe – 39.01% to 49.57%

    Mn – 676ppm to 1,624ppm

    Nd – 263ppm



Managing Director Mark Derriman Commented " These are exciting initial results for ActivEX and indicate both REE and Base Metal potential along a considerable strike length within the Aranac Project. The REE analysis of 2,794ppm from only a handful of samples is very encouraging along with the 2-3m thickness of the host clayey sediments. The adjacent outcropping limonite stained metasediments with Co to 1,112ppm and Zn to 1,000ppm are of interest in that they may be the surface expression of sulphide mineralisation at depth. The high iron content indicates drone/airborne magnetics could be a very useful exploration tool.

2024/2025 Exploration Plans:

- Desktop study involving review of all historical exploration and geological/regolith studies of satellite imagery to define the target stratigraphy.
- Submission of all required documents to the relevant stakeholders regarding our proposed exploration plans.
- Field-based geological traverses across the contact of the Wallumbilla Formation REE target and the Ronlow Beds Base Metal Target. Along all the geological traverses the Company will collect pXRF readings using our in-house Niton instruments.
- Selected rock samples will be submitted to ALS for a full suite of geochemical analyses.
- The initial phase of exploration will be followed by detailed geological/regolith mapping and soil sampling to define drilling targets.
- Tenement wide drone/heli airborne magnetic survey
- Broad-spaced aircore drilling traverses across the Wallumbilla Formation/Ronlow Beds contact to test REE and Base metal targets.

Results from the reconnaissance exploration programme are shown in Figures 3 to 7.

This announcement is authorised by the Board of ActivEX Limited

For further information contact:
Mr Mark Derriman, Managing Director

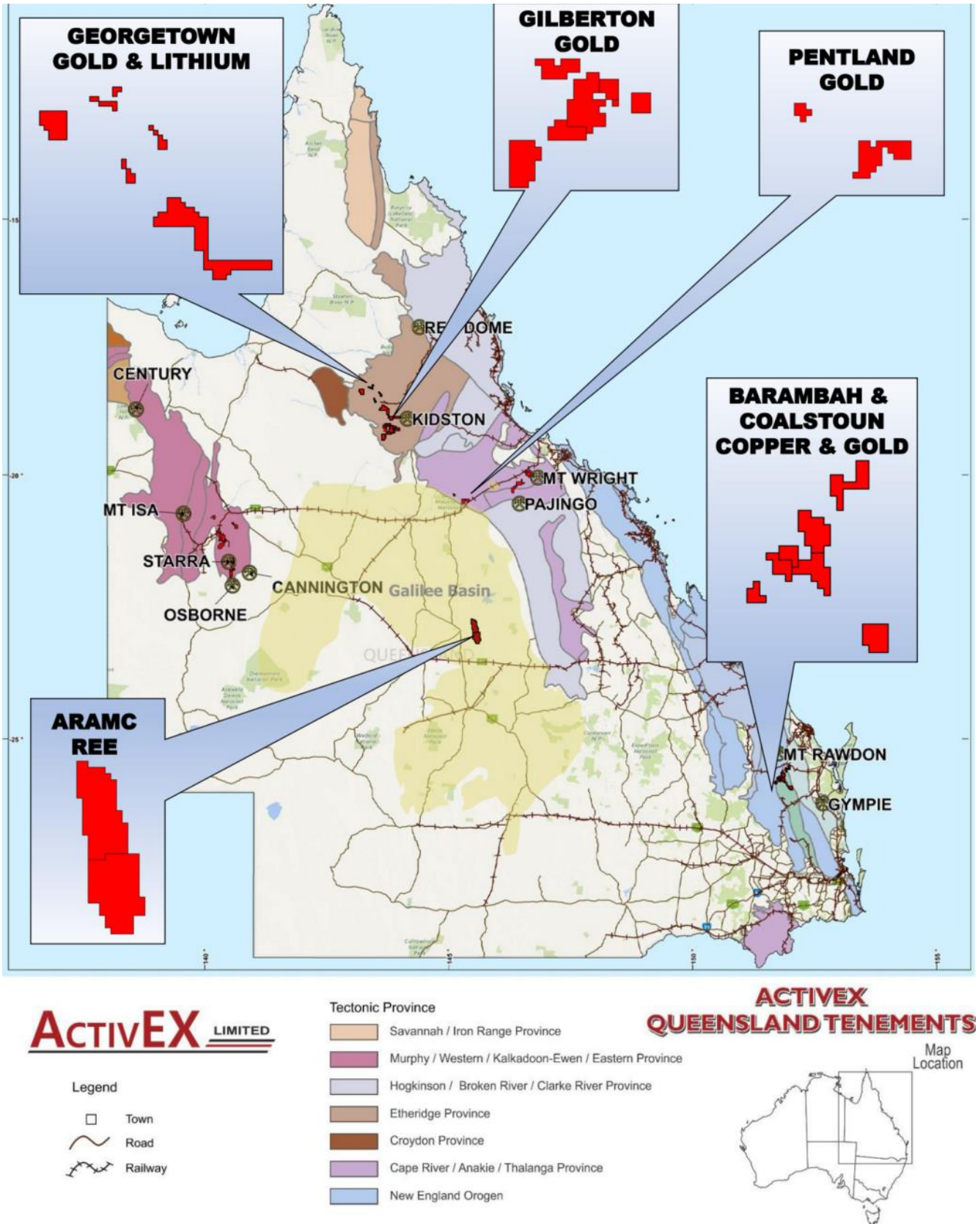


Figure 1. ActivEX Limited Queensland Projects and tenements

Age			Basin	Unit			Lithology	Thickness (feet)	Depositional Environment
Cretaceous	Late		Eromanga Basin	Winton Formation			Labile Sandstone, siltstone, mudstone, intraformational conglomerate; in part calcareous; minor coal	Up to 1000	Fluviatile, paludal,lacustrine
	Early	Albian		Rolling Downs Group	Mackunda Formation		Labile Sandstone, siltstone, mudstone; in part calcareous; minor coquinite	400-600	Paralic
					Allaru Sandstone		Mudstone, Lesser siltstone; in part calcareous; minor labile sandstone, silty limestone	600-1200	Shallow marine
					Toolebuc Limestone		Platey limestone, calcareous shale	Up to 20	Shallow marine
		Aptian			Wallambilla Formation	Coreena Member	Siltstone, grading to very fine lablile sandstone, mudstone, minor intraformational conglomerate; in part calcareous and grading to silty limestone	200 – 400	Shallow marine, paralic
						Doncaster Member	Mudstone, Lesser siltstone; in part calcareous, minor limestone, some beds richly glauconitic	200-500	Shallow marine
				Ronlow Beds (Jericho Map Sheet)	Hooray Sandstone		Quartzose to sublabile sandstone, siltstone, mudstone, conglomerate	10-750	Fluviatile
Jurassic	Late				Injune Creek Group	Westborne Formation	Siltstone, mudstone, thin beds of labile to quartzose sandstone	5-300	Fluviatile, lacustrine, or estuarine
	Mid-Late					Adori Sandstone	Quartzose to sublabile sandstone	0-110	Fluviatile
	Mid					Birkhead Formation	Siltstone, mudstone, labile to quartzose sandstone, coal	100-430	Fluviatile, paludal, lacustrine
	Early				Hutton Sandstone		Quartzose to sublabile sandstone, lesser siltstone and mudstone, minor coal	0-520	Fluviatile, minor paludal
Triassic	Mid-Late		Gallilee Basin	Moolayember Formation			Mudstone, siltstone, labi100le to quartzose sandstone	0-800	Fluviatile, lacustrine
	Early-Mid			Clematis Sandstone			Quartzose to sublabile sandstone, minor siltstone and mudstone	0-500	Fluviatile

Figure 2. Eromanga Basin Stratigraphy showing the sub-units of the Wallumbilla Formation and the underlying Ronlow Beds.

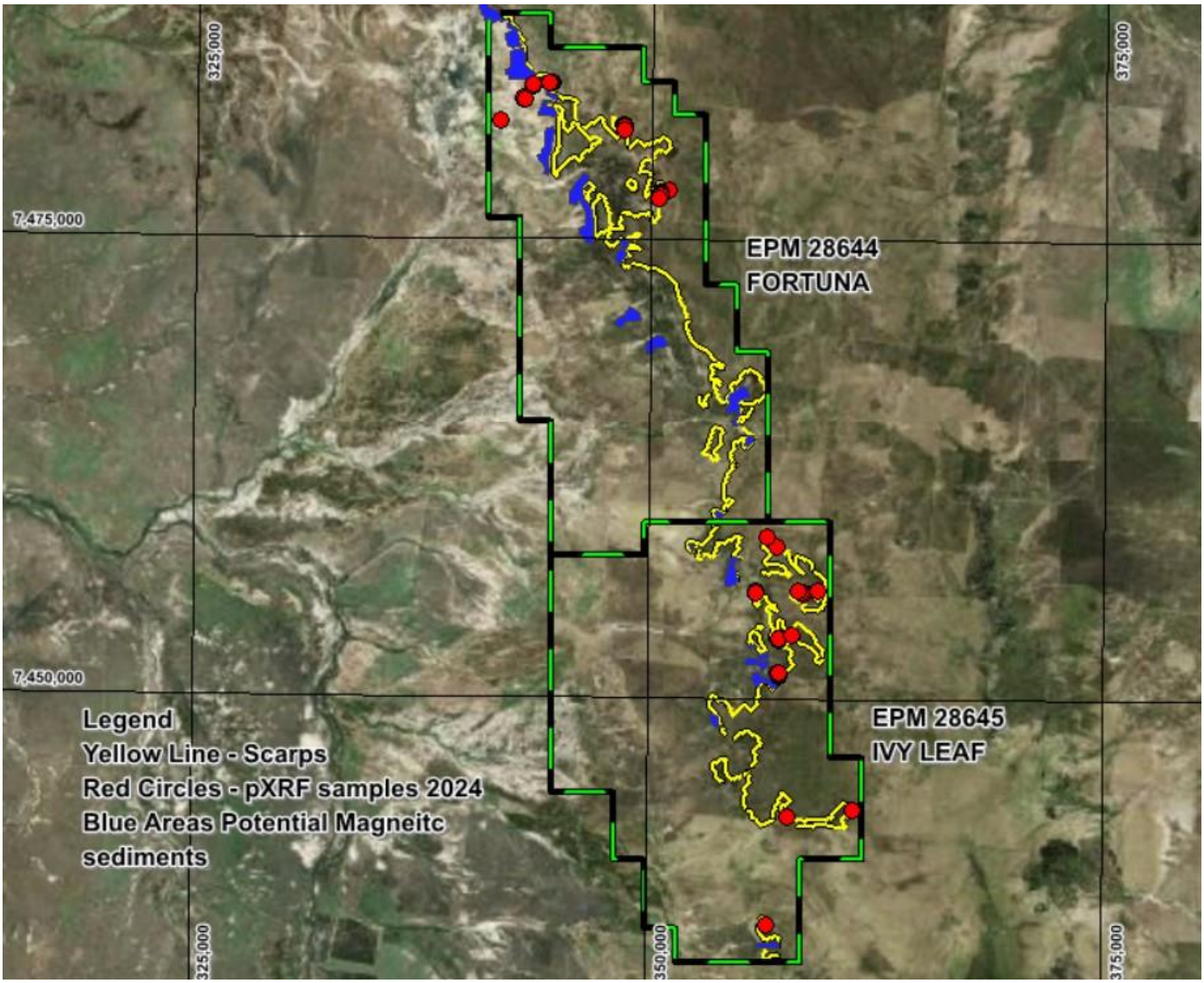


Figure 3. Aramac Project – pXRF readings in red, target REE stratigraphy (scarp) yellow and target base metal +/- REE stratigraphy in blue

Figure 4. REE Target - pXRF sampling of white weathered fine grained sediments adjacent to a prominent scarp

Figure 5. Base Metal Target - Outcroping fine-grained sedimentary rock of the Ronlow Beds with cleavage steeply dipping toward NE - strike NW-SE - yellow-ochre, black & brown limonite possibly derived oxidation of sulphides at depth

Figure 6. REE Target - pXRF sampling of fine grained sediments beneath a prominent scarp

Table 1 Surface pxRF readings (selected elements in ppm, Fe in %) – TREE is the sum of Ce Y La Pr and Nd. The heading row is the same on both pages

Project	TenementNo	TenementName	Sample Type	SampleNo	Easting	Northing	Datum	Zone	Date_Sampled	Fe	Fe %	Co	Zn	Y	Ba	La	Ce	Pr	Nd	TREE
Aramac	EPM 28644	Fortuna	SOIL	ARSXRF001	341622	7481429	GDA94	55	11/11/2024	17561	1.76	0	25	0	638	0	0	0	0	0
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF002	342865	7482589	GDA94	55	11/11/2024	87372	8.74	238	96	42	**5761**	0	0	**146**	**300**	**488**
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF003	344452	7483485	GDA94	55	11/11/2024	8570	0.86	0	22	11	576	0	0	0	0	11
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF004	344333	7483487	GDA94	55	11/11/2024	7835	0.78	0	24	12	816	0	**141**	0	**152**	**305**
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF005	344409	7483481	GDA94	55	11/11/2024	4195	0.42	0	0	12	523	0	0	0	0	12
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF006	344396	7483487	GDA94	55	11/11/2024	12129	1.21	0	5	11	191	0	0	0	0	11
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF007	344367	7483490	GDA94	55	11/11/2024	9910	0.99	0	13	12	344	0	0	0	**110**	**122**
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF008	344367	7483490	GDA94	55	11/11/2024	370040	**37.00**	**1903**	119	18	307	0	0	0	0	18
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF009	344333	7483492	GDA94	55	11/11/2024	7605	0.76	36	21	14	173	0	0	0	0	14
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF010	344333	7483492	GDA94	55	11/11/2024	41539	4.15	166	40	17	146	0	0	0	0	17
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF011	344314	7483488	GDA94	55	11/11/2024	8868	0.89	0	32	15	141	0	0	0	0	15
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF012	344314	7483488	GDA94	55	11/11/2024	295589	29.56	**593**	154	20	103	0	0	0	0	20
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF013	344290	7483486	GDA94	55	11/11/2024	6529	0.65	0	31	15	152	0	0	0	**104**	**119**
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF014	344290	7483486	GDA94	55	11/11/2024	197144	**19.71**	0	97	25	277	0	0	0	0	25
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF015	348412	7481264	GDA94	55	11/11/2024	18375	1.84	0	29	10	643	0	0	0	0	10
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF016	348434	7481238	GDA94	55	11/11/2024	6433	0.64	0	9	8	267	0	0	0	0	8
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF017	348462	7481197	GDA94	55	11/11/2024	19136	1.91	197	11	7	**1472**	0	0	0	0	7
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF018	348475	7481154	GDA94	55	11/11/2024	9012	0.90	0	41	9	**1232**	0	0	0	**190**	**199**
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF019	348475	7481154	GDA94	55	11/11/2024	156781	**15.68**	168	74	8	**3407**	0	0	0	0	8
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF020	348456	7480993	GDA94	55	11/11/2024	17963	1.80	85	8	8	627	0	0	0	0	8
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF021	350938	7477720	GDA94	55	12/11/2024	64922	6.49	207	9	14	141	0	0	0	0	14
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF022	350938	7477720	GDA94	55	12/11/2024	7594	0.76	0	6	11	242	0	0	0	0	11
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF023	350503	7477560	GDA94	55	12/11/2024	13480	1.35	183	0	47	28	0	0	0	0	47
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF024	350470	7477511	GDA94	55	12/11/2024	8520	0.85	0	7	8	116	0	0	0	0	8
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF025	350470	7477511	GDA94	55	12/11/2024	79517	7.95	0	7	9	163	0	0	**98**	**135**	**242**
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF026	350470	7477511	GDA94	55	12/11/2024	23352	2.34	81	20	11	469	0	0	0	0	11
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF027	350446	7477425	GDA94	55	12/11/2024	12261	1.23	48	7	9	134	0	0	0	0	9
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF028	350389	7477268	GDA94	55	12/11/2024	32991	3.30	146	10	8	126	0	0	0	0	8
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF029	350405	7477271	GDA94	55	12/11/2024	20126	2.01	48	25	8	322	0	0	0	0	8
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF030	358518	7455784	GDA94	55	12/11/2024	21597	2.16	0	14	10	**1848**	0	0	0	**135**	**145**
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF031	358525	7455753	GDA94	55	12/11/2024	6623	0.66	0	4	17	102	0	0	0	0	17
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF032	358525	7455753	GDA94	55	12/11/2024	39012	3.90	159	0	9	201	0	0	0	0	9
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF033	358369	7455802	GDA94	55	12/11/2024	13436	1.34	0	12	4	53	0	0	0	0	4
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF034	358214	7455899	GDA94	55	12/11/2024	10329	1.03	0	10	4	53	0	0	0	**102**	**106**
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF035	355885	7455872	GDA94	55	12/11/2024	9087	0.91	0	5	4	30	0	0	0	0	4
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF036	355888	7455801	GDA94	55	12/11/2024	68288	6.83	224	18	44	**6335**	**469**	**971**	**294**	1016	2794
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF037	355888	7455801	GDA94	55	12/11/2024	3455	0.35	0	6	19	374	0	0	0	0	19
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF038	355888	7455793	GDA94	55	12/11/2024	6947	0.69	0	11	8	146	0	0	0	0	8
Aramac	EPM 28644	Fortuna	ROCK	ARRXRF039	355888	7455793	GDA94	55	12/11/2024	49603	4.96	291	6	9	172	0	0	0	0	9

Aramac	EPM 28644	Fortuna	ROCK	ARRXRF040	355888	7455793	GDA94	55	12/11/2024	146872	**14.69**	618	29	12	287	0	0	0	0	12
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF041	357039	7458267	GDA94	55	13/11/2024	70023	7.00	596	80	7	**1812**	0	0	0	0	7
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF042	357190	7451239	GDA94	55	13/11/2024	152212	15.22	0	86	7	**1018**	0	0	0	0	7
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF043	357188	7451229	GDA94	55	13/11/2024	37906	3.79	185	0	9	60	0	0	**60**	**106**	*175*
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF044	357203	7451229	GDA94	55	13/11/2024	11691	1.17	54	0	9	141	0	0	0	0	9
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF045	357203	7451229	GDA94	55	13/11/2024	8441	0.84	40	11	21	74	0	0	0	0	21
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF046	357155	7451355	GDA94	55	13/11/2024	134817	13.48	285	12	8	132	0	0	0	0	8
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF047	357167	7451316	GDA94	55	13/11/2024	5370	0.54	0	5	9	84	0	0	0	0	9
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF048	357155	7451355	GDA94	55	13/11/2024	10588	1.06	45	8	10	98	0	0	0	0	10
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF049	357134	7451401	GDA94	55	13/11/2024	120447	**12.04**	**607**	0	7	86	0	0	0	0	7
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF050	357153	7451391	GDA94	55	13/11/2024	8790	0.88	0	5	9	242	0	0	0	0	9
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF051	357153	7451391	GDA94	55	13/11/2024	10109	1.01	0	0	16	147	0	0	0	0	16
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF052	357153	7451391	GDA94	55	13/11/2024	54247	5.42	228	7	12	209	0	0	0	0	12
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF053	357153	7451391	GDA94	55	13/11/2024	221352	**22.14**	0	0	12	158	0	0	0	0	12
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF054	357205	7453226	GDA94	55	13/11/2024	12321	1.23	0	7	11	114	0	0	0	0	11
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF055	357166	7453280	GDA94	55	13/11/2024	79496	7.95	458	47	14	7985	0	0	**132**	457	603
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF056	357166	7453280	GDA94	55	13/11/2024	131614	**13.16**	0	19	10	437	0	0	0	184	194
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF057	357898	7453496	GDA94	55	13/11/2024	6454	0.65	0	11	38	236	0	0	0	0	38
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF058	356496	7458819	GDA94	55	13/11/2024	8805	0.88	0	13	7	714	0	0	0	0	7
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF059	356496	7458819	GDA94	55	13/11/2024	9670	0.97	0	16	14	**7438**	0	0	**192**	**371**	**577**
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF060	354825	74556692	GDA94	55	13/11/2024	58600	5.86	0	13	7	124	0	0	72	0	79
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF061	354825	74556692	GDA94	55	13/11/2024	38491	3.85	218	17	27	129	0	0	0	0	27
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF062	342872	7482664	GDA94	55	14/11/2024	293755	**29.38**	**1212**	187	11	410	0	0	0	0	11
Aramac	EPM38635	Ivy Leaf	SOIL	ARSXRF002	342872	7482664	GDA94	55	14/11/2024	46782	4.68	266	95	31	335	0	0	0	0	31
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF062	342938	7482589	GDA94	55	14/11/2024	265597	**26.56**	**819**	58	14	156	0	0	0	0	14
Aramac	EPM38635	Ivy Leaf	SOIL	ARSXRF003	342938	7482589	GDA94	55	14/11/2024	53559	5.36	256	48	21	293	0	0	0	0	21
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF063	343395	7483308	GDA94	55	14/11/2024	450540	**45.05**	**1122**	578	19	**713**	0	0	0	0	19
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF064	343397	7483342	GDA94	55	14/11/2024	425330	**42.53**	0	**703**	28	**462**	0	0	0	0	28
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF065	343406	7483372	GDA94	55	14/11/2024	495654	**49.57**	0	**1000**	32	**145**	0	0	0	**263**	**295**
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF066	343406	7483371	GDA94	55	14/11/2024	508724	**50.87**	0	**674**	41	**177**	0	0	0	0	41
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF067	343383	7483436	GDA94	55	14/11/2024	390137	39.01	264	**424**	16	**419**	0	0	0	0	16
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF068	361265	7444008	GDA94	55	14/11/2024	6981	0.70	0	17	11	121	0	0	0	0	11
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF069	361268	7444005	GDA94	55	14/11/2024	9395	0.94	0	0	7	102	0	0	71	0	78
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF070	361276	7443983	GDA94	55	14/11/2024	43604	4.36	94	5	14	159	0	0	0	0	14
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF071	357764	7443598	GDA94	55	14/11/2024	11675	1.17	62	7	28	391	0	0	0	0	28
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF072	359274	7455943	GDA94	55	14/11/2024	6416	0.64	0	0	12	65	0	0	0	0	12
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF073	356594	7437651	GDA94	55	14/11/2024											
Aramac	EPM38635	Ivy Leaf	ROCK	ARRXRF074	356594	7437651	GDA94	55	14/11/2024	27961	2.80	0	6	12	95	0	0	0	0	12

Appendix 1

Declarations under 2012 JORC Code and JORC Tables

The information in this report which relates to Exploration Results is based on information reviewed by Mr. Mark Derriman, who is a member of The Australian Institute of Geoscientists (1566) and Mr. Xusheng Ke, who is a Member of the Australasian Institute of Mining and Metallurgy (310766) and a Member of the Australian Institute of Geoscientists (6297).

Mr. Mark Derriman and Mr. Xusheng Ke have sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activities which he is undertaking 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.

Mr. Mark Derriman and Mr. Xusheng Ke consent to the inclusion of their names in this report and to the issue of this report in the form and context in which it appears.

Previous Disclosure - 2012 JORC Code

Information relating to Mineral Resources, Exploration Targets and Exploration Data associated with previous disclosures relating to the Gilberton and Georgetown Gold Project in this report has been extracted from the following ASX Announcements:

- ASX announcement titled “Rare Earth Opportunities in Queensland” dated 26th October 2022
- ASX announcement titled “Secures Exciting REE and Base Metal Taregt in Central Qld 20 June 2024
- ASX announcement titled “Secures Exciting REE and Base Metal Taregt in Central Qld 14 October 2024

Copies of reports are available to view on the ActivEX Limited website www.activex.com.au. These reports were issued in accordance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market announcement.

JORC Code, 2012 Edition – Table 1 report

Section 1 Sampling Techniques and Data

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. • Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. • 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.	• Random rock samples were scanned with the Companies Vanta pXRF and photos taken of eack rock scanned. • • A hand held Garmin GPS was used to record sample site locations • Five OREAS standards were scanned at the start and end of each day as psrt of the QAQC process
Drilling techniques	• Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	• No drilling reported.
Drill sample recovery	• Method of recording and assessing core and chip sample recoveries and results assessed. • Measures taken to maximise sample recovery and ensure representative nature of the samples. • 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 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. • Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. • The total length and percentage of the relevant intersections logged.	• No drilling reported.
Sub-sampling techniques	• If core, whether cut or sawn and whether quarter, half or all core taken. • If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	• Rock samples were scanned with the Companies M Series Niton pXRF that is a partial analysis with a field of view of 2cm •

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and sample preparation	• 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. • Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. • Whether sample sizes are appropriate to the grain size of the material being sampled.	• The nature and quality of the sample scanning is considered appropriate for the mineralisation style in the early stages. •
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. • 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. • 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.	• A Portable XRF (pXRF) is an industry standard explroation tool to be used as a guide to selecting sub areas for more detailed exploraiton and lab sampling. • The beam time was 2 minutes (30 seconds for the firs 2 beams and 60 second for the 2nd beam (used mainly for the rare earrths Ce,Y, La,Pr and Nd. The pXRF is not able to scan the full REE suite of elements Cu, Pb, Zn, As, Sb, Bi, Hg, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Co, Ni, Rb, Sr, Y, Zr, Mo, Cd, Sn, W, Th, U, Te, Nb, Sc, Pr, Nd, Ce, La. • Selected elements that relate directly to target definition have been included in the report
Verification of sampling and assaying	• The verification of significant intersections by either independent or alternative company personnel. • The use of twinned holes. • Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. • Discuss any adjustment to assay data.	• Sites were selected using the GPS system (Mapinfo) and a Garmin GPS was used to select the sampling site. • Five OREAS standards (1 blank) were scanned with the pXRF at the staert and end of each day as part of the QAQC proceedure • All results were verified by AIV Senior Management and the results were downloaded each evening as a verificaiton of data quality
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. • Specification of the grid system used. • Quality and adequacy of topographic control.	• Location of rock chip samples was recorded by handheld Garmin GPS device. • Co-ordinates are recorded in grid system MGA2020, Zone 55. • Refer to Table 1 for location of rock samples.
Data spacing and distribution	• Data spacing for reporting of Exploration Results. • 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. • Whether sample compositing has been applied.	• No sample compositing has been applied. • The data spacing is appropriate for the reporting of exploration results

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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. • 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 sample compositing has been applied.
Sample security	• The measures taken to ensure sample security.	• The only personel handling the data were the field assistant who collected the pXRF data supversied by the site geologist. • The site geologist downlaoded the data each day and verified th results that are included in this report. • The data was then sent to the Companies data base management consultancy Earth SQL who incorporated the data into the Companies data base.
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	• In-house review of QAQC data for laboratory samples.

Section 2 Reporting of Exploration Results

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 security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	• pXRF scanning of random rock samples conducted on EPMs 28644 and 28645 which are held by ActivEX Limited (100%), see Figure 1 for location. • EPM 28644 and 28655 comprise the ActivEX Aramac REE Project.
Exploration done by other parties	• Acknowledgment and appraisal of exploration by other parties.	• Previous exploration within the tenement has consisted of 2 road traverses by Illuka Minerals in the early 2000's exploring for Heavy Mineral concentrations in the sediments. No Rare Earth Elements (REE) or Bae Metal exploration has been undertaken in the area. • For additional information, refer to the ActivEX website
Geology	• Deposit type, geological setting and style of mineralisation.	• In the region of Barcaldine and Aramac, the Eromanga Basin unconformably onlaps the Galilee Basin which provides the mainly alluvial lithified sequence that acts as a buttress for the Alice Tablelands. The Eromanga Basin is comprised of the Jurassic-Cretaceous Ronlow Beds conformably overlain by the Doncaster Formation, a

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		Cretaceous unit forming the basal portion of the Rolling Downs Group. These are unconformably overlain by Quaternary cover. • The Ronlow Beds are characterised by quartz and labile sandstone, mudstone and minor coal and outcrop sporadically over the area. Information from the proposed drill program will be used to form a more complete geological picture. It is expected that the Ronlow beds are largely unconsolidated at depth..
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: o easting and northing of the drill hole collar o elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar o dip and azimuth of the hole o down hole length and interception depth o 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.	• Drilling data is not being reported.
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. • 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. • The assumptions used for any reporting of metal equivalent values should be clearly stated.	• No data aggregation applied.
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').	• Drilling data is not being 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	• Refer to enclosed maps and diagrams.

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	be limited to a plan view of drill hole collar locations and appropriate sectional views.	
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 avoiding misleading reporting of Exploration Results.	• Drilling data is not being reported.
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.	• Refer to body of report for additional geological observations.
Further work	• The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). • Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	• Refer to body of report for further work plans.