

# United Orogen Ltd

## Final Technical Report for EL 25723 (“Alroy”)

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## Summary

The Final Technical Report documents the 2007/2009 exploration program conducted at the Alroy Creek prospect (EL25723) by United Orogen Ltd, formally Uranium Oil & Gas (UOG). UOG has an agreement with the tenement holder Bralich Holdings Pty Ltd whereby it can earn 70% by spending the minimum of 2 years expenditure. UOG is the tenement operator.

The Alroy prospect is located in the Central Georgina Basin 550 km NNE of Alice Springs NT. There has been little exploration in the area apart from a number of phosphate prospects near Wonarah 130 km to the ESE. There are no known mines or resources established in the immediate area.

UOG's first year activities included literature research, field reconnaissance, soil sampling, rock chip sampling, ground checking a 7km long radiometric palaeochannel, GIS database, APAA site survey and drafting. Results to date have only shown slight encouragement. The APAA site survey excluded from drilling the better radiometric responses, and no further work was done on the property for, quite simply, the only targets were excluded.

## 1.0 Introduction

The Alroy prospect (EL25723) is located 550 km directly NNE of Alice Springs (figure 1.1). Road access from Alice Springs is by way of the Stuart Highway towards Tennant Creek thence east along the Barkly Highway for about 130 km, then taking station tracks heading to the north. Travel time is about 8 hours by vehicle.

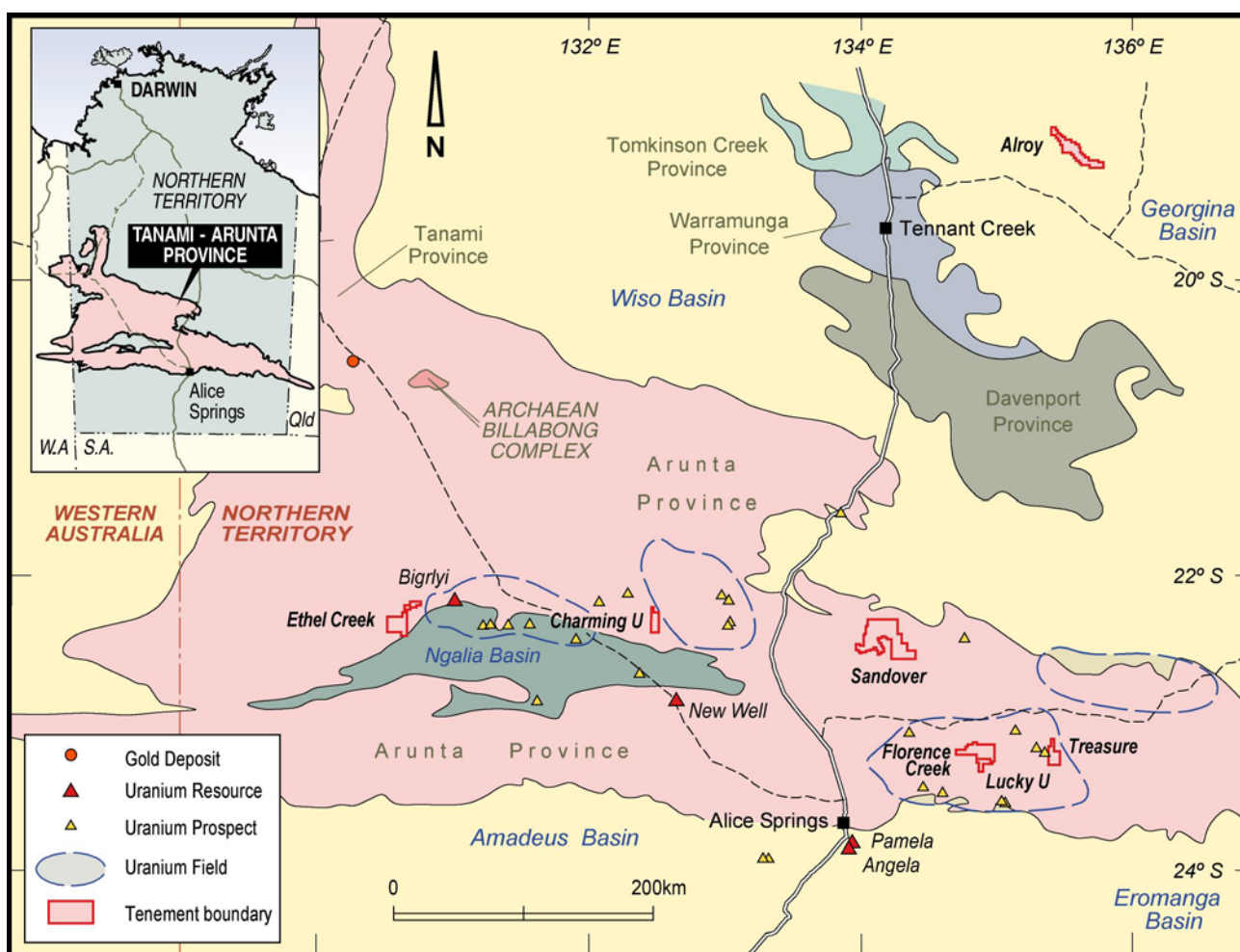


Figure 1.1 Location of Alroy EL25723

## 2.0 Geology and Mineralisation

The geological setting comprises Tertiary-aged Brunette Limestone, sandstone and conglomerate sediments, that overlie undifferentiated Cambrian limestone and cherts. The remainder of the project to the west comprises Quaternary black clay, sand and gravel and to the east, alluvial river and lacustrine gravels and soil within Lake Burgh (Figure 2.1). Evidence of mineralisation at this stage is confined to an airborne radiometric anomalous that fairly precisely matches a major Brunette Limestone outcrop that trends northwesterly over a distance of about 7 km's down the centre of the project area (Figure 2.2).

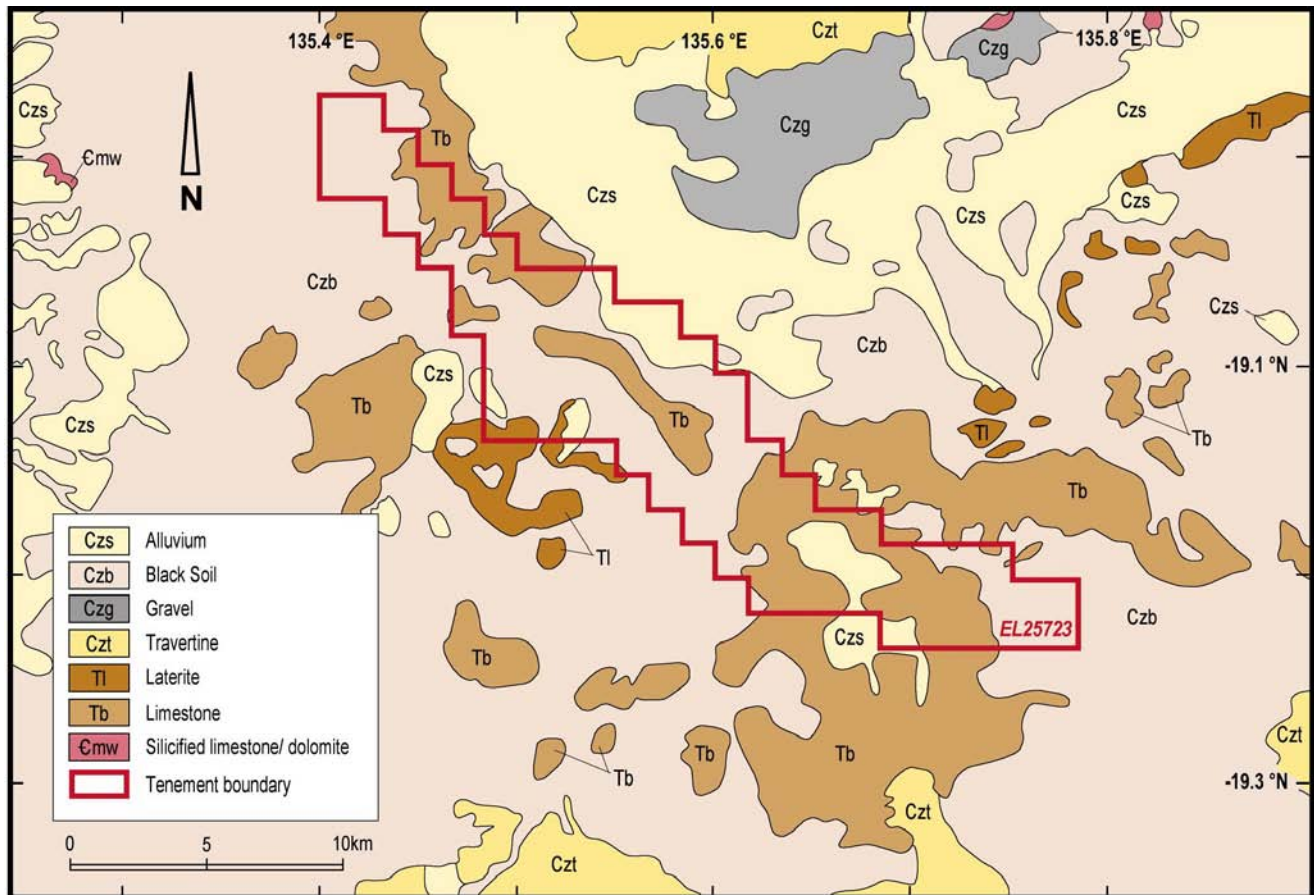


Figure 2.1 Regional Geology of Alroy EL25723

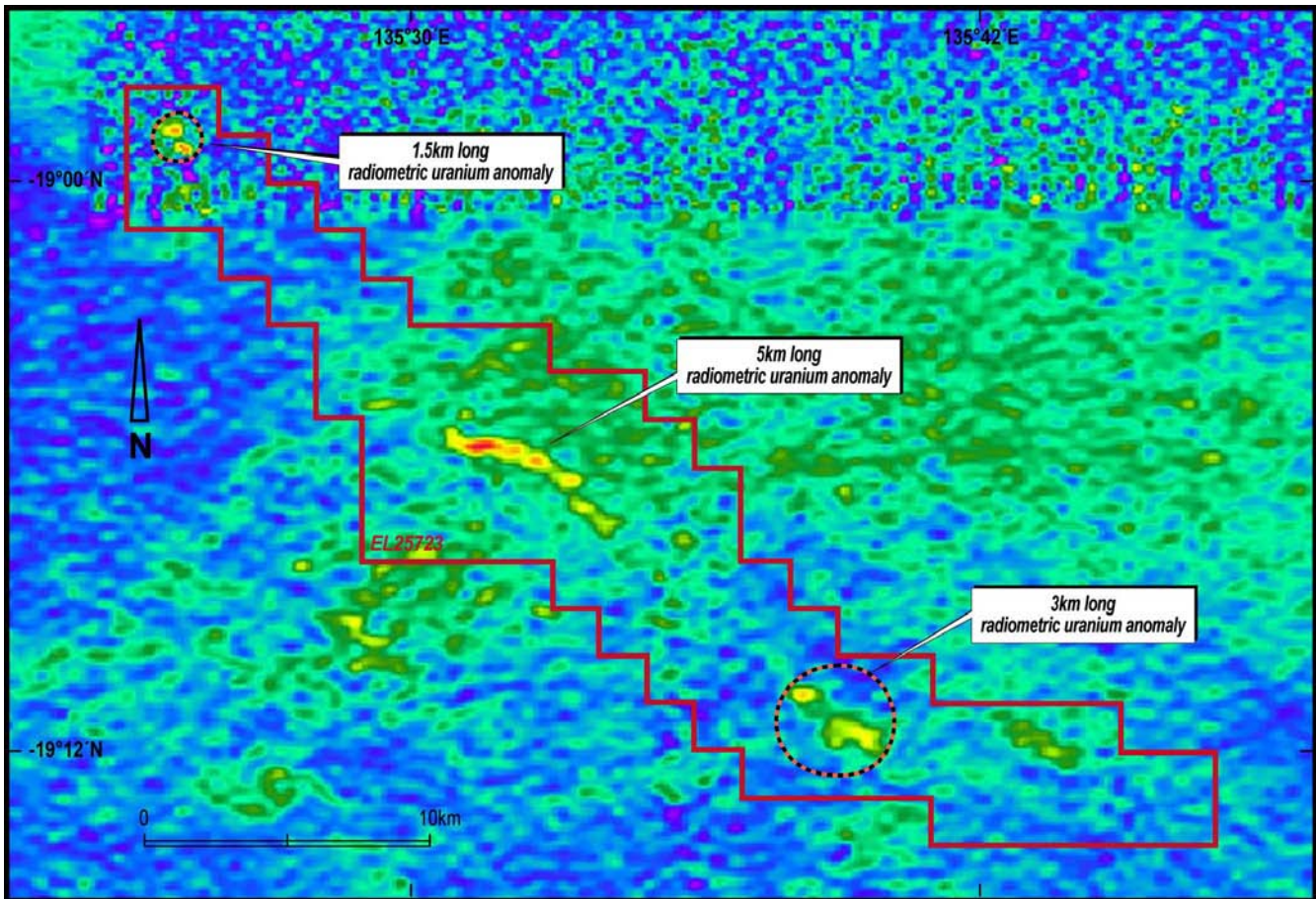


Figure 2.2 Regional Uranium Radiometrics of Alroy EL25723

### 3.0 Previous Exploration

Very little exploration work has been undertaken on the Alroy tenement. Apart from the regional geology compiled by the BMR, there is no open file report available from the NTGS.

### 4.0 Tenure

UOG has an agreement with the tenement holder Bralich Holdings Pty Ltd whereby it can earn 70% by spending the minimum of 2 years expenditure after granting. UOG is the tenement operator. Tenure details are tabled below.

Table 4.1 Tenure Details

Tenement	Owner	Date Granted	Tenure	Size	Rent	Expenditure Commitment
EL 25723	Bralich Holdings	19/9/2007	6 Years	91sq. blocks	\$1001	\$19,000

## 5.0 Geochemistry

The Alroy project has evidence for only uranium mineralisation occurring as identified from broad-scale airborne radiometric surveys. However, the presence of an extensive radiometric anomaly associated with Tertiary sediments deposited in a northwesterly-trending paleochannel, possibly similar to the Playford River, 20 km's to the east, is believed to be worthy of more detailed investigation.

Hence, during the reporting period UOG took a number of minus and plus 80 mesh soil samples and rock chips of ferruginous sandstones over the tenement. The results were only mildly encouraging and are shown overleaf. The highest soil assay for uranium was just 70ppm U and the highest phosphate rock chip was 840 ppm. Both results however indicate that some follow up work is required.

Table 5.1 Alloy Soil Sampling Results

				ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
SAMPLE	Sample	East	North	Ba	Cu	Fe	Mn	P	Pb	U	V	Zn
DESCRIPTION	Type	(MGA94/53)	(MGA94/53)	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
ABD001	soil -80#	553770	7889370	80	11	1.87	286	130	10	<10	35	24
ABD002	soil -80#	553890	7889205	80	12	1.89	259	130	10	<10	47	22
ABD003	soil -80#	554138	7888998	70	11	1.71	256	150	7	<10	24	22
ABD004	soil -80#	556864	7888005	40	12	2.49	240	250	8	<10	64	24
ABD005	soil -80#	553090	7886410	30	10	2.77	250	120	11	<10	62	12
ABD006	soil -80#	554649	7886239	40	11	2.72	273	100	12	<10	64	16
ABD007	soil -80#	554550	7885126	40	8	3.07	193	130	7	<10	71	12
ABD008	soil -80#	554885	7884946	60	8	2.45	217	60	8	<10	59	12
ABD009	soil -80#	555322	7889255	40	8	1.65	148	100	6	10	56	17
ABD010	soil -80#	556311	7889006	120	12	2.08	269	120	10	<10	57	26
ABD011	soil -80#	557448	7887932	40	8	1.48	175	80	7	<10	49	15
ABD012	soil -80#	558710	7886966	80	9	2.45	271	100	10	<10	53	21
ABD013	soil -80#	558455	7885931	140	10	1.77	329	60	12	<10	39	21
ABD014	soil -80#	559471	7885372	20	5	1.29	139	160	7	<10	31	9
ABD015	soil -80#	560943	7885532	90	11	1.71	148	150	6	10	54	19
ABD016	soil -80#	561478	7884232	110	10	2.03	271	70	9	<10	43	27
ABD017	soil -80#	561287	7885042	50	9	1.72	199	60	9	<10	38	18
ABD018	soil -80#	560326	7885499	210	10	1.49	195	70	9	<10	49	25
ABD019	soil -80#	560570	7884753	60	6	1.43	218	90	7	<10	36	12
ABD020	soil -80#	553926	7888412	110	9	1.83	316	40	9	<10	42	18
60001	SOIL	543325	7902308		11/8			260/60	5/6	<10/<10		23/24
60002	SOIL	542499	7900834		12/9			90/50	7/5	<10/<10		22/23
60003	SOIL	544557	7902187		6/9			170/100	5/5	70/<10		9/24
60004	SOIL	543961	7900834		6/9			110/90	6/4	<10/<10		8/24
60005	SOIL	545008	7900934		11/8			80/60	6/5	<10/<10		16/21
60006	SOIL	545000	7899478		11/9			100/60	6/6	<10/<10		20/24
60007	SOIL	543887	7899217		12/11			60/60	10/9	<10/<10		25/27
60008	SOIL	548421	7896751		7/10			100/110	6/6	30/<10		16/23
60009	SOIL	549917	7895430		5/9			110/110	2/3	40/<10		9/21
60010	SOIL	550201	7893334		4/6			260/130	<2/2	<10/<10		7/18
60011	SOIL	554108	7891305		13/13			180/180	9/8	10/<10		28/35

60012	SOIL	552703	7889996		11/11			110/70	7/6	<10/<10		17/27
60013	SOIL	554584	7888958		9/9			170/140	7/3	<10/<10		21/28
60014	SOIL	556569	7888122		5/8			110/80	<2/3	<10/<10		3/15
60015	SOIL	552917	7888126		9/11			60/60	6/7	<10/<10		26/31
60016	SOIL	553962	7888769		11/13			70/60	9/7	<10/<10		30/38
60017	SOIL	553537	7885413		11/11			70/60	9/8	<10/<10		29/29
60018	SOIL	558437	7886873		7/10			100/70	4/4	<10/<10		4/30
60019	SOIL	557708	7886130		7/8			80/70	6/6	<10/<10		12/27
60020	SOIL	559707	7884963		6/6			150/120	5/3	<10/<10		3/13
60021	SOIL	562288	7887367		14/14			70/70	10/10	<10/<10		32/39
60022	SOIL	562397	7883738		7/8			80/70	9/6	10/<10		14/23
60023	SOIL	563112	7881277		8/14			70/70	4/3	<10/<10		16/45
60024	SOIL	564998	7883123		8/9			70/60	4/15	<10/<10		14/25
60035	SOIL	579235	7874890		11/10			100/70	8/6	<10/<10		14/24
60036	ANTS NEST	542888	7901545		7			130	6	<10		18
60037	LAG	545271	7900810		8			100	13	<10		4
60038	SOIL	558310	7886751		5/6			110/100	3/3	<10/<10		4/15
60040	LAG	554552	7885117		4			50	9	<10		2
60041	AUGER	554552	7885117		10/9			100/70	8/7	<10/<10		21/25
60042	AUGER	554888	7884948		12/10			130/80	11/6	<10/<10		25/31

Table 5.2 Alloy Rock Chip Samples

				ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
SAMPLE	Sample	East	North	Ba	Cu	Fe	Mn	P	Pb	U	V	Zn
DESCRIPTION	Type	(MGA94/53)	(MGA94/53)	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
ABD501	rock chip	556210	7888626	320	<1	0.63	317	310	3	20	9	2
ABD502	rock chip	554029	7889109	150	<1	0.25	93	840	<2	50	4	<2
60039	ROCK CHIP	552918	7884432		6			410	12	<10		17



## 6.0 Discussion

The Alroy prospect has mildly encouraging levels of uranium in the soils. UOG received AAPA (Aboriginal Areas Protection Authority) site clearance but with a Restricted Works Area whereby no drilling is permitted, that covered the major 5Km long uranium airborne radiometric anomaly. UOG planned some infill and more detailed soil and rock chip sampling and if the results were positive would seek to drill test this prospect for uranium. However with a ban on drilling this was not going to happen and the project was surrendered

## 7.0 Rehabilitation

No ground disturbing work was undertaken, therefore no rehabilitation was necessary.

## 8.0 Year 1 Expenditure 2007/2008

Salaries	\$10,200
Travel & Accommodation	\$ 3,500
Assays	\$ 2,050
Equipment Purchases	\$ 1,000
Tenement Administration	\$ 500
Tenement Consultants	\$ 400
GIS Database	\$ 2,500
<b>Total 2007/2008 expenditure</b>	<b>\$20,150</b>

## 9.0 Year 2 Expenditure 2008/2009

Salaries	\$1200
Mines Department Rent	\$1001
Tenement Administration	\$ 480
<b>Total 2008/2009 expenditure</b>	<b>\$2681</b>

## 10.0 Total Expenditure 2007/2009 \$22931