

INVESTOR UPDATE MINES & MONEY (Hong Kong) GOLD, RARE EARTH ELEMENTS & TECH METALS ASX:ORM

James Canning-Ure Managing Director

23rd March 2011

ABN: 89 096 142 737



Corporate Overview

- Shares on issue (ASX:ORM)
 - 79,597,443 shares on issue
 - \$12.7 Million market capitalisation at 16 cents
- Options on issue

 Unlisted options 2.5M
- Cash on hand \$ 4.4M
- Tight Shareholding
 - Top 20 shareholders hold 71.2% of listed Shares

14.6%

- Metallica Minerals (ASX:MLM) 14.9%
- Conglin Yue (Conglin Group)
- Jien Mining (China) 14.0%
- Directors approximately 10.0%



Vision & Strategy

Vision

 To become a leading Australian explorer of Heavy Rare Earth Elements (HREE) - utilising the best available people, resources and technology.

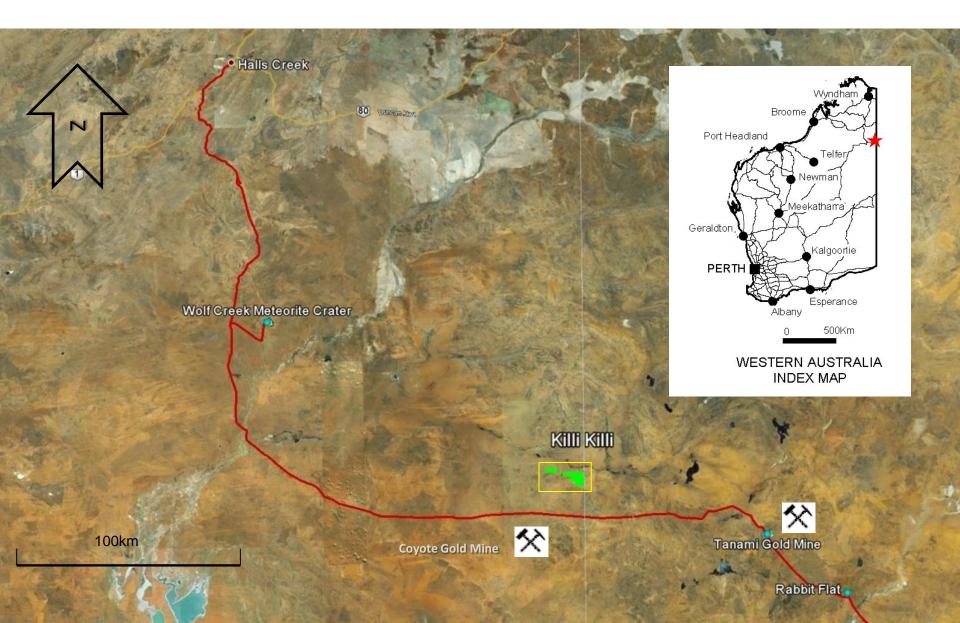
Strategy

- Critical mass by securing new prospects and partners
- Prioritise exploration and rapidly execute plans
- Actively search for other REE and gold opportunities
- Build a team of leading executives and technicians
 - In-house mapping, geophysics and geochemistry
 - Specialist Geologist
- Plan for significant growth

Orion Project Locations



Killi Killi Hills Location



Exploration Update



Killi Killi Hills (HREE) - Major Project

- Highly prospective for HREE, Gold and Uranium
- 30 RC shallow reconnaissance drill holes
- Excellent drilling results released in Dec 2010
 - Exceeded all expectations for the extent of mineralisation
 - Previous announcement was not well understood by the market
- Abundance of "halides" is indicative of HREE mineralisation
- 6 metres gold at 5.85 g/t, rock chips to 9.4 g/t
- Drilling confirmed up to 40% of HREEY to TREEY
- Beneficiation/Metallurgical testing due April
- HREE enriched in unconformity <u>and</u> basement rocks
- 2011 extensive follow up exploration planned
- Expanded regional search
- Investigate "farm in", purchase and JV with neighbours

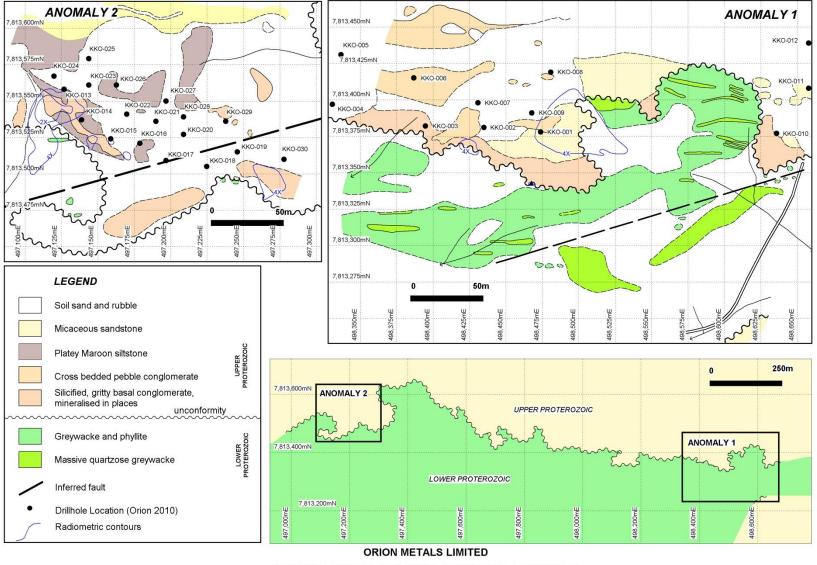


Professor Ken Collerson Report on Killi Killi Hills **Preliminary Findings**

- The Killi Killi Hills tenements represent an important potential HREE+Y prospect
- Why Killi Killi Hills is significant:
 - Unconformity is a conduit for hydrothermal fluids
 - These fluids were most likely expelled from a crystallizing igneous complex
 - The regional faults in the area may have provided a pathway for fluids
- Orion's regional exploration focus should be to find the primary REE source

*Professor Ken Collerson is an internationally recognised geoscientist with more than 35 years of experience in Australia and Internationally. He is a renowned specialist in mineralogy, igneous and metamorphic petrology, trace element and isotope geochemistry, tectonics, deep earth geodynamics, Archean and Proterozoic crustal evolution.

Drilling November 2010 - Actual



KILLI KILLI EAST PROJECT - WESTERN AUSTRALIA DRILLHOLE LOCATIONS (2010)

Killi Killi Drilling Results

Table 1 - REE & Gold Mineralised Drill Intercepts (ppm)

	LREE grams per tonne					HREE grams per tonne							Gold
Sample	Y	La	Ce	Nd	Sm	Eu	Gd	Tb	Dy	Er	Tm	Yb	Au
ККО1 0 — 6													5.58
ККО2 2 - 3													0.21
ККОЗ 1 - З	534	192	605	774	224	23	137	19	103	55	6	33	0.07
ККО4 0- 3	236	151	456	634	156	14	73	9	50	30	4	21	0.07
ККО 7 4 - 6													0.3
кко7 7-8	26	168	387	326	67	7	29	3	7	3	1	2	0.04
ККО9 0 - 2	277	152	485	687	193	17	100	12	57	29	3	17	0.13
ККО13 0- 3	507	554	1367	905	248	22	134	20	115	76	10	58	0.25
КК014 0-1	568	319	1118	>1000	423	32	175	23	118	74	8	47	0.02
Kk015 3 - 4				\smile									0.4
КК019 2-3	75	251	760	667	144	14	67	6	21	11	1	9	0.02
KK021 6-7												-	0.12
KK022 3-4	55	274	869	725	116	9	44	4	13	9	1	7	0.01
KK023 1-6	53	222	649	493	82	7	32	3	11	7	1	, 6	0.01
KK023 1-0	134	355	969	728	139	, 12	57	6	26	, 18	2	15	0.02
	134	500	909	120	122	12	57	U	20	10	2	51	0.44
KK025 4-8	126	474	4264	1000	205	47	00	40	70		0	40	0.01
KK027 2-3	426	471	1364	>1000	205	17	99	13	79	57	8	48	0.02
ККОЗО 3-4	55	184	574	463	119	12	52	5	15	7	1	5	0.0-



Table 2 - Anomalous REE & Au Drill Intercepts in Basement Rocks (ppm)

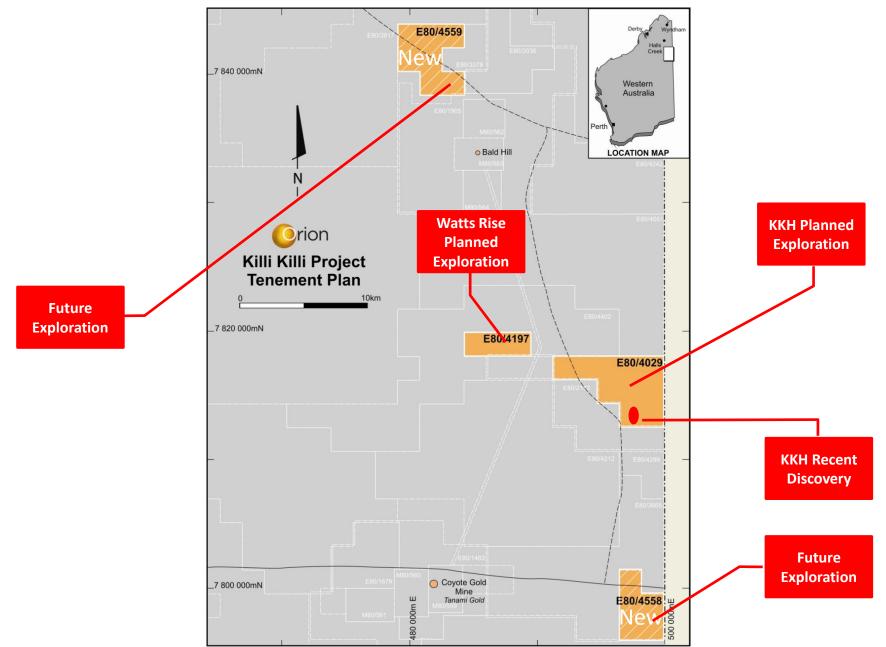
		LREE	grams pe	er tonne		HREE grams per tonne							Gold
Sample	Y	La	Ce	Nd	Sm	Eu	Gd	Tb	Dy	Er	Tm	Yb	Au
KK05 7 - 11													0.21
KK05 11-18	116	79	176	130	31	4	24	4	22	13	2	10	
ККО13 4 - 5	43	223	644 🌔	565	103	9	42	4	12	6	1	4	
KK013 4 - 5													0.29
KK016 6-12	99	65	151	116	28	4	23	4	21	12	2	9	

Table 3 - Rock Chip Samples - Significant REE & Gold Results (ppm)

	LREE grams per tonne					HREE grams per tonne							Gold
Sample	Y	La	Ce	Na	Sm	Eu	Gd	Tb	Dy	Er	Tm	Yb	Au
КК42	121	475	1325	>1000	319	31	145	12	35	19	2	16	0.1
КК43	414	606	1468	>1000	229	19	119	16	105	84	12	76	0.01
КК48	904	811	2071	>1000	357	36	215	33	207	137	18	100	0.03
КК49	1094	263	510	632	159	23	182	35	274	217	31	184	0.01
КК57	1444	367	1118	>1000	608	65	382	54	317	169	19	93	0.71
КК64	56	721	1890	993	142	12	59	6	18	10	1	7	0.01
KK65	108	502	1427	>1000	176	13	66	7	26	20	3	18	0.01
KK66	51	600	1657	987	159	13	67	6	16	8	1	6	0.01

Strengthening our Tanami Position





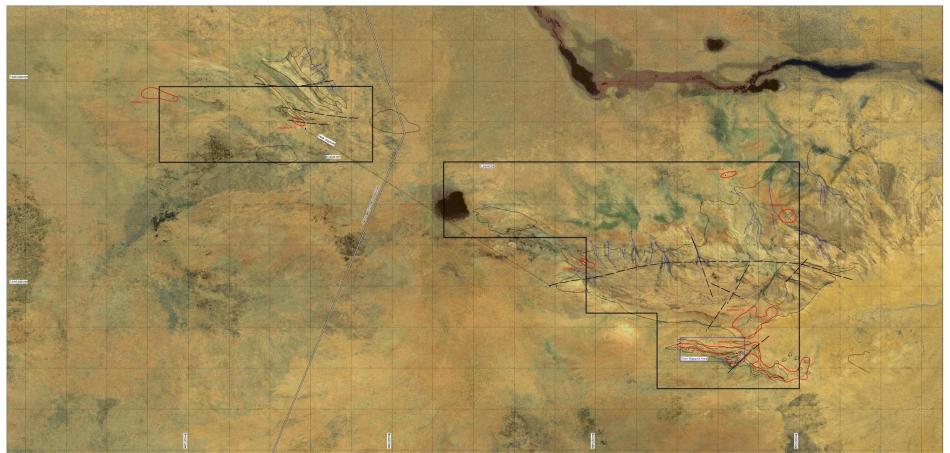


Killi Killi Exploration Plan 2011

- Tenement acquisition E80/4558 & E 80/4559 Jan
- Desktop Regional Study regional geological & geophysical features Late Feb
- Metallurgical Testing Late May results in June 2011
- Radiometric Anomalies field work to investigate 7 radiometric anomalies April
- Magnetic Anomalies Review regional trends
- Geochemical Soil Sampling April
- New Tenements Rock chip and soil sampling April
- RAB Drilling May / August



Killi Killi - Radiometric Anomalies

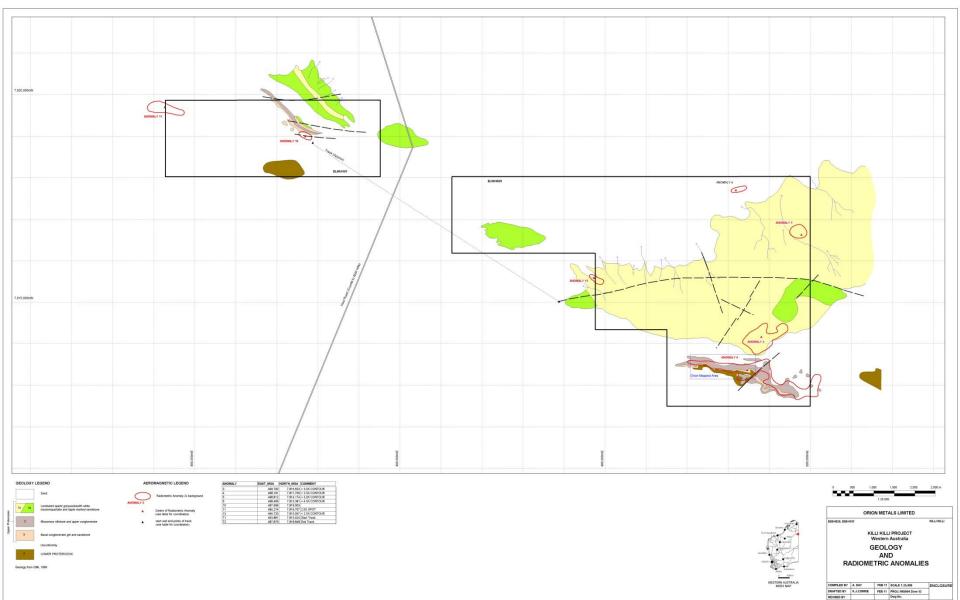








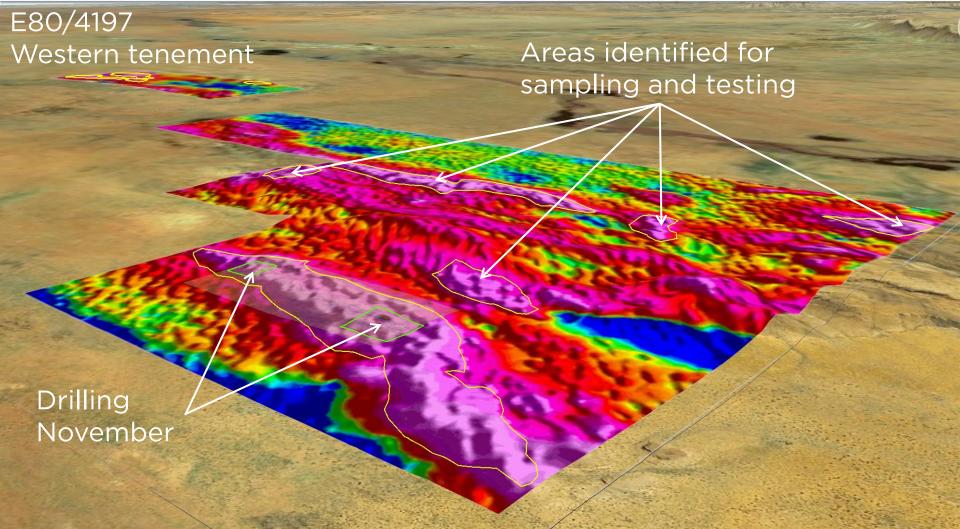
Killi Killi - Radiometric Anomalies





Killi Killi Thorium Hot Spots

Eastern tenement E80/4029



Future areas of interest

Western Tenement E80 / 4197



Not all 17 REEs are the same

- Two Completely Different Markets
 - Light & Heavy
- Light Rare Earths LREE
 - La, Ce, Nd, Sm Polishing and Magnets
- Heavy Rare Earths HREE
 - Gd, Dy, Tb, Lu Electronics and Magnets

REE Applications

	Catalytic	Magnetic	Electrical	Chemical	Optical
Lanthanum (La)	✓		✓	✓	\checkmark
Cerium (Ce)	✓		~	\checkmark	\checkmark
Praseodymium (Pr)		~	~	\checkmark	\checkmark
Neodymium (Nd)	✓	✓	✓		\checkmark
Europium (Eu)					✓
Gadolinium (Gd)		✓			\checkmark
Terbium (Tb)		✓			✓
Dvsprosium (Dv)		✓			\checkmark
Yttrium (Y)					\checkmark



Supply Rare Earth Oxides (tonnes)



Found at KKH]	Byron	Capital Marl	kets, March	(2010)		
Oversupply	2010	2011	2012	2013	2014	2015	% 2015
La ₂ O ₃	1,119	3,142	11,384	10,875	13,233	15,455	27%
CeO ₂	2,129	5,791	19,311	18,304	23,348	26,508	25%
Pr ₆ O ₁₁	241	359	1,225	728	912	741	6%
Nd ₂ O ₃	718	1,198	3,666	2,026	2,812	2,129	6%
Sm ₂ O ₃	69	225	486	402	758	828	23%
Eu ₂ O ₃	8	40	70	56	106	99	23%
Tb ₄ O ₇	8	1	1	(16)	15	16	4%
Dy ₂ O ₃	45	(42)	(95)	(217)	(626)	(848)	-7%



Exploration Update

Top Camp gold

- Further drilling program for source of gold anomalies
- Significant intercepts of magnetite with sporadic anomalous Cu & Au
- Review of data and alternatives for future drilling

Bonner & Fulford Creeks REE

- 5 EPM's & 1 MLA in North Qld
- Large drainages containing alluvial heavy mineral accumulations
- Monazite and xenotime radiogenic granite sources
- Large unexplored greisen granite bodies

Rutherfords gold

Contracted to sell for \$450k - settles March/April 2011

Final Thoughts



- Poised for substantial growth
- Prudent management and financial controls cements a strong financial position
- Review of other projects confirm the value and prospects for KKH
 - New JV's, purchases or farm-ins being offered to us
- Follow up KKH exploration commenced
 - Underpinned by excellent results
 - Extensive mineralisation
- HREE Highly sought after critical
- China signals interest in importing HREE



Thank You for your Support Orion Board



Tao Li Director, James Canning-Ure Managing Director, Andrew Gillies Director, Adrian Day Director, Bill Lyne Company Secretary, David Barwick Chairman (Seated)





- Statements and material contained in this Presentation, particularly those regarding possible
 or assumed future performance, commodity prices, resources or potential growth of Orion
 Metals Limited (Orion), industry growth or other trend projections are, or may be, <u>forward
 looking statements</u>. Such statements relate to future events and expectations and, as such,
 involve known and unknown risks and uncertainties.
- Orion is at an early exploration stage and although reasonable care has been taken to ensure that the facts stated in this presentation are accurate and or that the opinions expressed are fair and reasonable, no reliance can be placed for any purpose whatsoever on the information contained in this document or on its completeness.
- Actual results and developments may differ materially from those expressed or implied by these forward looking statements depending on a variety of factors.
- Nothing in this presentation should be construed as either an offer to sell or a solicitation of an offer to buy or sell shares in any jurisdiction.
- In accordance with Listing Rules 5.1 and 5.12 of the Australian Securities Exchange technical information contained in this report has been compiled by Mr. Adrian Day BSc (Geology), MAIG, MSEG, MGSA who is a competent person and member of the Australasian Institute of Geoscientists. Mr Day has relevant experience to the mineralisation being reported on to qualify as a Competent Person as defined by the Australasian Code for Reporting of Minerals Resources and Reserves. Mr Day is a non-executive Director of Orion Metals Limited and parttime consultant to the company. He consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.