

# Drilling at Mt Lindsay intersects up to 14% Tin

ASX Announcement  
Friday, 25 September 2009  
Ref: /VMS/606/VMS00189

Australian based mineral exploration company **Venture Minerals Limited** (ASX code: VMS) is pleased to announce results from the latest drilling at Mt Lindsay. ML 134, designed to target high grade mineralization within the Main Zone, **intersected broad, high grade tin and tungsten.**

**Table One: Results from ML134**

Hole ID	Interval (metres)	Tin (Sn) Grade	Tungsten Trioxide (WO <sub>3</sub> ) Grade	Tin (Sn) Equivalent Grade	Intercept Depth below surface (m)
ML134	18	2.2%	0.23%	2.4%	165
including	2	14%	0.26%	14%	

**Note:**  
Full details of intersections and tin equivalent calculations refer to Appendix One

The above intersection represents the best drill result to date at the Company's **Flagship Mt Lindsay Tin/Tungsten/Iron Project**, which is located in the world class mining district of northwest Tasmania. The latest result further supports the existence of **multiple high grade shoots** within the broader Main and No.2 Zones. Specifically ML 134 targeted the Macdonald Shoot, where the Company has already identified numerous other high grade intersections including:

**Table Two: Previously announced results - Macdonald Shoot**

Hole ID	Interval (metres)	Tin (Sn) Grade	Tungsten Trioxide (WO <sub>3</sub> ) Grade	Tin (Sn) Equivalent Grade	Intercept Depth below surface (m)
ML01	15	0.77% <sup>⊕</sup>	Not assayed	0.77%	15
ML03	16	1.6% <sup>⊕</sup>	Not assayed	1.6%	30
ML102	24	1.1%	0.20%	1.3%	205
including	12	1.8%	0.26%	2.1%	
ML122	10	1.1%	0.04%	1.1%	10

**Note:**  
Full details of intersections and tin equivalent calculations refer to Appendix One  
"⊕"=Historic Drill Results with no further breakdown of the quoted intersection available

As the Company's gains a greater understanding of the high grade tin/tungsten shoots hosted within the broader magnetite rich skarns, exploration can focus on both increasing the already significant poly-metallic resources at Mt Lindsay and on defining substantial high grade tin and tungsten zones.

The latest results confirm both the geometry and consistency of the **Macdonald Shoot** and represent a very high value intersection, tin currently trading at **\$US14,425 per tonne or approximately 2.5 times price of copper** (London Metal Exchange price 24/09/09).

Approximately **90% of the intersections identified to date within the Macdonald Shoot are less than 170m from surface** and are therefore considered amenable to open pit mining. However the high grade nature of the shoot also suggests it has significant potential as an underground target. **The Macdonald Shoot remains open at depth.**

### Fast Facts

ASX Code: VMS  
Shares on Issue: 144 million  
Cash: \$9 million

### Project Highlights

Substantial Poly-Metallic Resource base  
Tin/Tungsten/Magnetite (ASX: 22/01/2009)

Australia's Third Largest Tin Resource

Located in North-West Tasmania  
140 years of mining precedent

### Scoping Study Highlights

Delivers \$700M in Net Cash (LOM)  
Greater than 7 years of mine life  
Average Annual Net Revenue - \$109M  
Internal Rate of Return - 30% (ASX: 30/06/2009)

### Infrastructure Highlights

Project located 1.6km from Sealed Road  
23km by Sealed Road to existing Rail (with spare capacity)  
100km by Rail to existing Port Facilities (with spare capacity)  
1km from High Voltage Hydropower



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Drilling is on-going at Mt Lindsay with two diamond rigs targeting high grade tin/tungsten shoots within the Main Zone and No.2 Zone and a third rig targeting massive hematite at the Company's Stanley River DSO Project. **A total of 10,000m of diamond core drilling will be completed over the coming months**, focussing both on exploration and upgrading the Company's current poly-metallic resource base, which already includes Australia's third largest tin resource.

### Resource Table

Commodity	JORC Resource Category	Tonnes Mt	Grade
Magnetite (20% Fe cut-off)	Inferred	30Mt	33% Fe
Tin (0.1% cut-off)	Inferred	23Mt	0.2% Sn
Tungsten (0.1% cut-off)	Inferred	5.7Mt	0.3% WO <sub>3</sub>

Results from the on-going program will be made available at the earliest opportunity.

Kind regards

**Venture Minerals Limited**



**Hamish Halliday**  
**Managing Director**

The information in this report that relates to Exploration Results, Exploration Targets, Mineral Resources or Ore Reserves is based on information compiled by Mr Andrew Radonjic, who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Andrew Radonjic is a full-time employee of the company. Mr Andrew Radonjic has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Andrew Radonjic consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

## Appendix One

Hole ID	Location				Intersection (metres)		Interval (metres)	Tin (Sn) Grade	Tungsten Trioxide (WO <sub>3</sub> ) Grade	Tin (Sn) Equivalent Grade	Intercept Depth below surface (m)
	East (MGA55) (metres)	North (MGA55) (metres)	Dip (°)	Azimuth (°)	From	To					
ML01	360,903	5,382,457	-45	11	8.8	23.8	15	0.77% <sup>Ⓢ</sup>	<i>Not assayed</i>	0.77%	15
ML02	360,917	5,382,447	-53	11	18.4	54.6	36.2	0.49% <sup>Ⓢ</sup>	<i>Not assayed</i>	0.49%	35
ML03	360,939	5,382,442	-54	11	27.4	43.5	16.1	1.55% <sup>Ⓢ</sup>	<i>Not assayed</i>	1.55%	30
ML33	360,976	5,382,355	-62	11	113.08	126.49	13.41	0.23%	0.58%	0.70%	125
ML71	360,975	5,382,364	-60	36	98	116	18	0.16%	0.69%	0.68%	115
ML74	360,975	5,382,364	-40	35	90	96	6	0.76%	<0.01%	0.76%	85
ML76	360,975	5,382,364	-49	73	128	138	10	0.51%	0.02%	0.53%	120
ML97	360,940	5,382,418	-20	21	49	59	10	0.60%	0.05%	0.64%	35
ML102	361,097	5,382,274	-65	10	184	208	24	1.09%	0.20%	1.25%	205
including					194	206	12	1.84%	0.26%	2.05%	
ML122	360,910	5,382,480	-25	5	0	25	25	0.54%	0.04%	0.57%	10
including					13	23	10	1.11%	0.04%	1.14%	
or					13	17	4	2.45%	0.06%	2.50%	
ML134	361,012	5,382,311	-55	35	150	178	28	1.45%	0.17%	1.59%	165
including					160	178	18	2.15%	0.19%	2.30%	
including					172	174	2	14.0%	0.26%	14.2%	

**Note:**

“Ⓢ”=Historic Drill Results with no further breakdown of the quoted intersection available.

- The tin equivalent formula used to calculate the tin equivalent values is as follows: Tin Equivalent (%) = tin % + (WO<sub>3</sub> % x 0.81109).
- This formula is based on a tin metal price as of September 24 2009 of US\$14,425/t and a minimum 65% WO<sub>3</sub> concentrate price of US\$180/mtu as used in the ASX announcement on the Scoping Study results released on June 30 2009.
- The metallurgical recovery for tin is 67% and for WO<sub>3</sub> is 90%, this is based on metallurgical testwork results as stated the ASX announcement of April 28 2009.
- It is the Company's opinion that the tin and WO<sub>3</sub> included in the metal equivalent calculations have a reasonable potential to be recovered if the Mt Lindsay Project goes into production.

# Mt Lindsay Project Drill Target Area



