

## **NSX ANNOUNCEMENT 9 January 2012**

**Drilling Results Confirm Outstanding Potential High Grade Intercepts at Summer Hill MLA 20547.  
Includes, 24m @ 0.55% Sn, 10m @ 0.55% Sn, 3m @ 0.49% Sn, 3m @ 1.68% Sn and 3m @ 0.69% Sn**

MGT Resources Limited (NSX: MGS) is pleased to announce the results for the fourth round of RC drill holes at its Summer Hill deposit.

Drilling commenced on MLA 20547 on the 21 July 2011. 29 reverse circulation (RC) holes were drilled for a total of 1812m. One planned hole on Summer Hill was not drilled due to rig breakdown. An additional three unplanned holes were completed at Dalcouth and Extended.

### **Highlights:**

- Excellent high grade Tin intercepts received including:
  - **24m @ 0.55% Sn (DAL 78) between 30 to 54m, includes 1m @ 1.37% Sn**
  - **10m @ 0.55% Sn (DAL 93) between 28 to 38m, includes 1m @ 2.28%**
  - **3m @ 0.49% Sn (X19) between 32 to 35m, includes 1m @ 0.8% Sn**
  - **3m @ 1.68% Sn (X23) from 57 to 60m, includes 1m @ 2.39% Sn**
  - **3m @ 0.69% Sn (V06) from 18 to 21m, includes 1m @ 1.38% Sn**
- Drilling has intersected tin mineralisation at various depths from Dalcouth, Extended, Veteran and Summer Hill prospects.
- The fourth drill program of 1,812m of RC drilling completed on budget and on schedule.
- All assay results have been received from the drilling program on MLA 20547 with encouraging results. (Table 1)
- All significant intersections are within **60m** of the surface.

- Future exploration work is focused on the identification of new mineralised zones with-in MLA 20547.
- The overall results of the drilling programme are highly encouraging and will be subject to further geological modelling and interpretation to distinguish further drilling targets and feed sources for the Mt Veteran mill which has now been re-commissioned.

#### Assay Results Received:

MGT has received all assay results from the completed drilling program. The assay results are from the fourth stage of the drilling campaign which was targeted at the Summer Hill Main Ore Zones. These results are encouraging and confirm the robust nature of the ore zones located around the Summer Hill area. (Table 1)

**Table 1** - Summary of Best Intersections 2011 MLA20547 Drilling Program

Hole Number	Interval and Sn Grade	Best 1m Sn Grade	Host Rock
DAL66	3m @ 0.196%, 30-33m 3m @ 0.177%, 36-39m	0.253% 0.291%	Qtz veined chloritic siltstone Qtz veined qtz lithic greywacke
DAL74	2m @ 0.216%, 35-37m	0.233%	Chloritic siltstone
DAL78	24m @ 0.55%, 30-54m	1.375%	Siliceous metagreywacke
DAL90	1m @ 0.206%, 0-1m 1m @ 0.290%, 28-29m 1m @ 0.5%, 34-35m 1m @ 0.449%, 61-62m	0.206% 0.290% 0.5% 0.449%	Sandstone Chloritic siltstone Chloritic siltstone Siliceous metagreywacke
DAL91	2m @ 0.148%, 0-2m 1m @ 0.208%, 11-12m	0.166% 0.208%	Qtz veined chloritic sandstone Qtz veined chloritic greywacke
DAL92	2m @ 0.179%, 6-8m 1m @ 0.136%, 10-11m 1m @ 0.106%, 18-19m 1m @ 0.101%, 34-35m 1m @ 0.136%, 54-55m 1m @ 0.114%, 59-60m	0.256% 0.136% 0.106% 0.101% 0.136% 0.114%	Qtz lithic greywacke Qtz lithic greywacke Chloritic sandstone Siliceous metagreywacke Qtz veined metagreywacke Qtz veined metagreywacke
DAL93	10m @ 0.556%, 28-38m 2m @ 0.451%, 54-56m	2.28% 0.521%	Qtz veined metagreywacke Qtz veined metagreywacke
DAL94	4m @ 0.147%, 37-41m	0.22%	Siliceous metagreywacke
X19	3m @ 0.495%, 32-35m	0.811%	Siliceous metagreywacke
X22	1m @ 0.1%, 43-44m	0.1%	Metagreywacke
X23	3m @ 1.681%, 57-60m	2.39%	Qtz veined intensely altered metagreywacke
MAY05	1m @ 0.126%, 45-46m	0.126%	Qtz veined qtz lithic greywacke
MAY07	1m @ 0.249%, 0-1m	0.249%	Chloritic sandstone
MAY08	3m @ 0.189%, 31-34m	0.223%	Qtz veined metagreywacke
V05	1m @ 0.178%, 40-41m 1m @ 0.136% 52-53m	0.178% 0.136%	Qtz veined chlorite altered siliceous metagreywacke
V06	3m @ 0.695% 18-21m	1.385%	Qtz veined chlorite altered siltstone
V08	1m @ 0.116% 54-55m	0.116%	Siliceous strongly chlorite altered

			metagreywacke
V09	1m @ 0.132% 25-26m	0.132%	Qtz veined siliceous metagreywacke

## Dalcouth

### ***Host Rocks – Meta-Sediments of the Hodgkinson Formation***

### ***Mineralisation – Cassiterite mineralisation in both quartz veins and disseminated in pelitic and/or psammitic sandstones, siltstones, greywacke and metagreywacke***

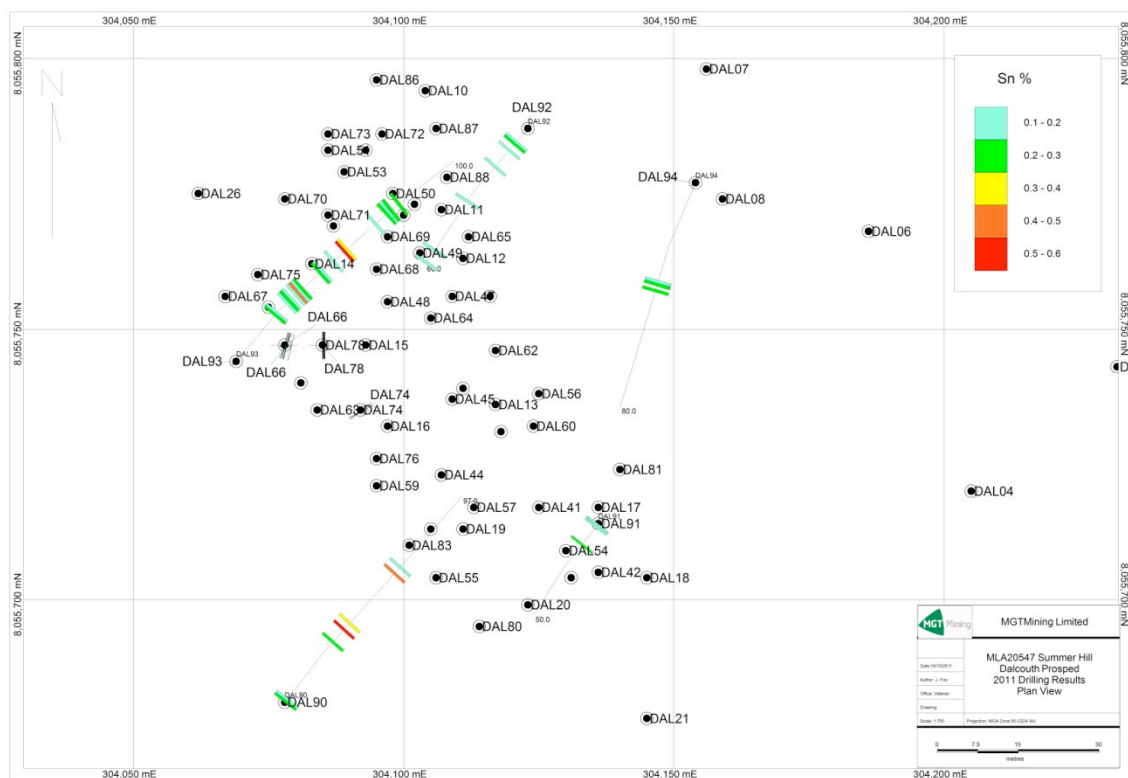
Drilling at Dalcouth in 2011 was focused on following up drill holes that ended in economic grade from previous programs and testing for extension of mineralisation at depth.

**Table 2** Significant results Dalcouth Drilling – Extension of Existing Holes

Hole Number	Interval and Sn Grade	Best 1m Sn Grade	Host Rock
DAL66	3m @ 0.196%, 30-33m	0.253%	Qtz veined chloritic siltstone
	3m @ 0.177%, 36-39m	0.291%	Qtz veined qtz lithic greywacke
DAL74	2m @ 0.216%, 35-37m	0.233%	Chloritic siltstone
DAL78	24m @ 0.55%, 30-54m	1.375%	Siliceous metagreywacke

**Table 3** Significant results Dalcouth Drilling – Extension of Mineralisation at Depth

Hole Number	Interval and Sn Grade	Best 1m Sn Grade	Host Rock
DAL90	1m @ 0.206%, 0-1m	0.206%	Sandstone
	1m @ 0.290%, 28-29m	0.290%	Chloritic siltstone
	1m @ 0.5%, 34-35m	0.5%	Chloritic siltstone
	1m @ 0.449%, 61-62m	0.449%	Siliceous metagreywacke
DAL91	2m @ 0.148%, 0-2m	0.166%	Qtz veined chloritic sandstone
	1m @ 0.208%, 11-12m	0.208%	Qtz veined chloritic greywacke
DAL92	2m @ 0.179%, 6-8m	0.256%	Qtz lithic greywacke
	1m @ 0.136%, 10-11m	0.136%	Qtz lithic greywacke
	1m @ 0.106%, 18-19m	0.106%	Chloritic sandstone
	1m @ 0.101%, 34-35m	0.101%	Siliceous metagreywacke
	1m @ 0.136%, 54-55m	0.136%	Qtz veined metagreywacke
	1m @ 0.114%, 59-60m	0.114%	Qtz veined metagreywacke
DAL93	10m @ 0.556%, 28-38m	2.28%	Qtz veined metagreywacke
	2m @ 0.451%, 54-56m	0.521%	Qtz veined metagreywacke
DAL94	4m @ 0.147%, 37-41m	0.22%	Siliceous metagreywacke



**Figure 1.** Dalcouth 2011 Drilling Assays – Plan View

## Extended

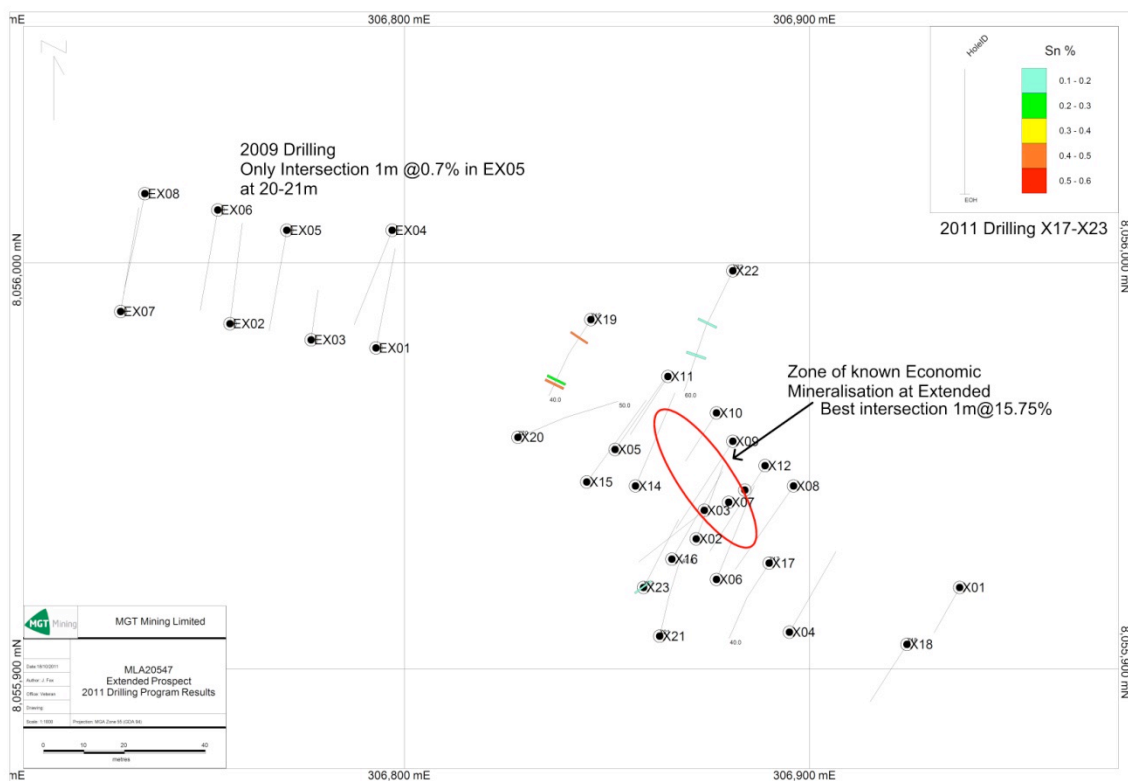
*Host Rocks – Meta-Sediments of the Hodgkinson Formation*

*Mineralisation – Cassiterite mineralisation in both quartz veins and disseminated in pelitic and/or psammitic sandstones, siltstones, greywacke and metagreywacke*

Drilling at Extended was designed to test for lateral extension of mineralisation adjacent to the 2010 X02 15.75% Sn intersection and to test for mineralisation to the south east and northwest of the general trend of the main mineralised zone.

**Table 4** Significant drill results at Extended 2011 Drilling Program

Hole Number	Interval and Sn Grade	Best 1m Sn Grade	Host Rock
X19	3m @ 0.495%, 32-35m	0.811%	Siliceous metagreywacke
X22	1m @ 0.1%, 43-44m	0.1%	Metagreywacke
X23	3m @ 1.681%, 57-60m	2.39%	Qtz veined intensely altered metagreywacke



**Figure 2.** Drilling Results at Extended

## Veteran

### Host Rocks – Meta-Sediments of the Hodgkinson Formation

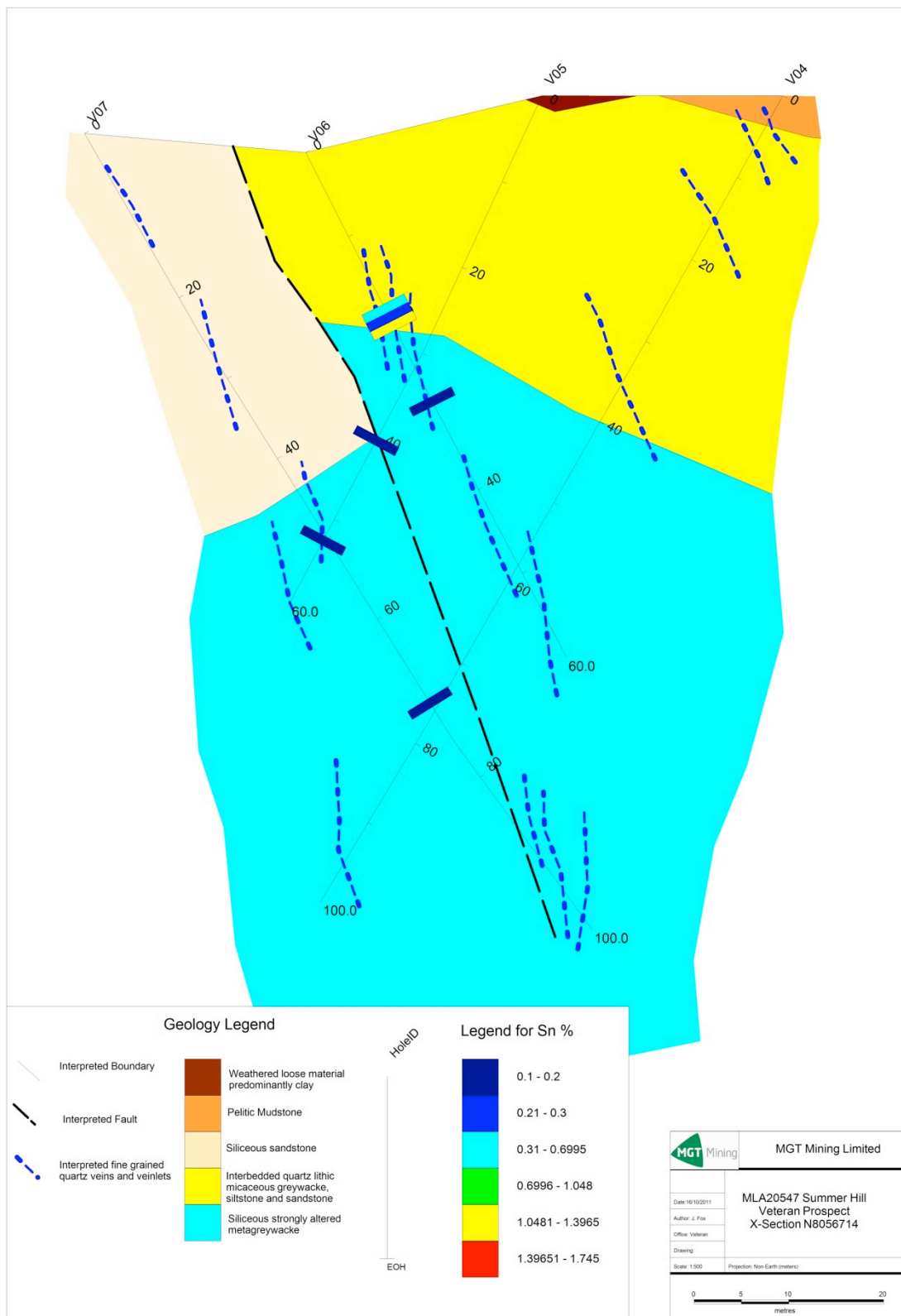
### Mineralisation – Quartz vein hosted cassiterite mineralisation and dissemination in siltstones and metagreywacke

Drilling results at Veteran reflect the difficulties in attempting to accurately target a mineralisation type that may follow a general trend but is difficult to predict in its distribution. Two of the holes drilled were completely barren of tin. Two holes that returned tin assays above background were drilled relatively close to a hole that did not return positive tin assays in 2010.

**Table 6** Significant tin Intersections at Veteran 2011 Drilling Program

Hole Number	Interval and Sn Grade	Best 1m Sn Grade	Host Rock
V05	1m @ 0.178%, 40-41m 1m @ 0.136% 52-53m	0.178% 0.136%	Qtz veined chlorite altered siliceous metagreywacke
V06	3m @ 0.695% 18-21m	1.385%	Qtz veined chlorite altered siltstone
V08	1m @ 0.116% 54-55m	0.116%	Siliceous strongly chlorite altered metagreywacke
V09	1m @ 0.132% 25-26m	0.132%	Qtz veined siliceous metagreywacke

There is a clear NW trending (around 310°) linear zone of more intense chlorite alteration at Veteran. At the northern end of this alteration scarce remnants of coarse cassiterite mineralisation in quartz veins can be found in historic workings. The host rock at surface is an intensely altered micaceous quartz lithic greywacke with thin interbeds of fine grained sandstone and siltstone.



**Figure 4** Cross section through holes V04-V07 at the Veteran Prospect



Resource modelling is underway and results of this will be released shortly .



**Drilling at Extended September 2011**

**Exploration Focus:**

- Soil and stream sampling around the Summer Hill deposit.
- Further geological mapping of old workings and potential new targets.
- Costean Sampling
- Hand Held Niton grid sampling



**Competent Persons Statement**

*Information in this report relates to exploration results or mineral resources are based on information compiled by Robert Pyper Of Minnelex Pty Ltd, who is a Fellow of The Australasian Institute of Mining and Metallurgy. Mr Pyper 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 Pyper consents to the inclusion in the report of the statements based on his information in the form and context in which it appears*