



# **Ark Drilling planned for Frances Creek Gold Project, Northern Territory**

Sydney, 5 June 2013: The Board of Ark Mines Ltd (ASX: AHK) is pleased to announce that it plans to Drill both its Frances Creek and Mount Porter Gold Projects in the Northern Territory in the upcoming months.

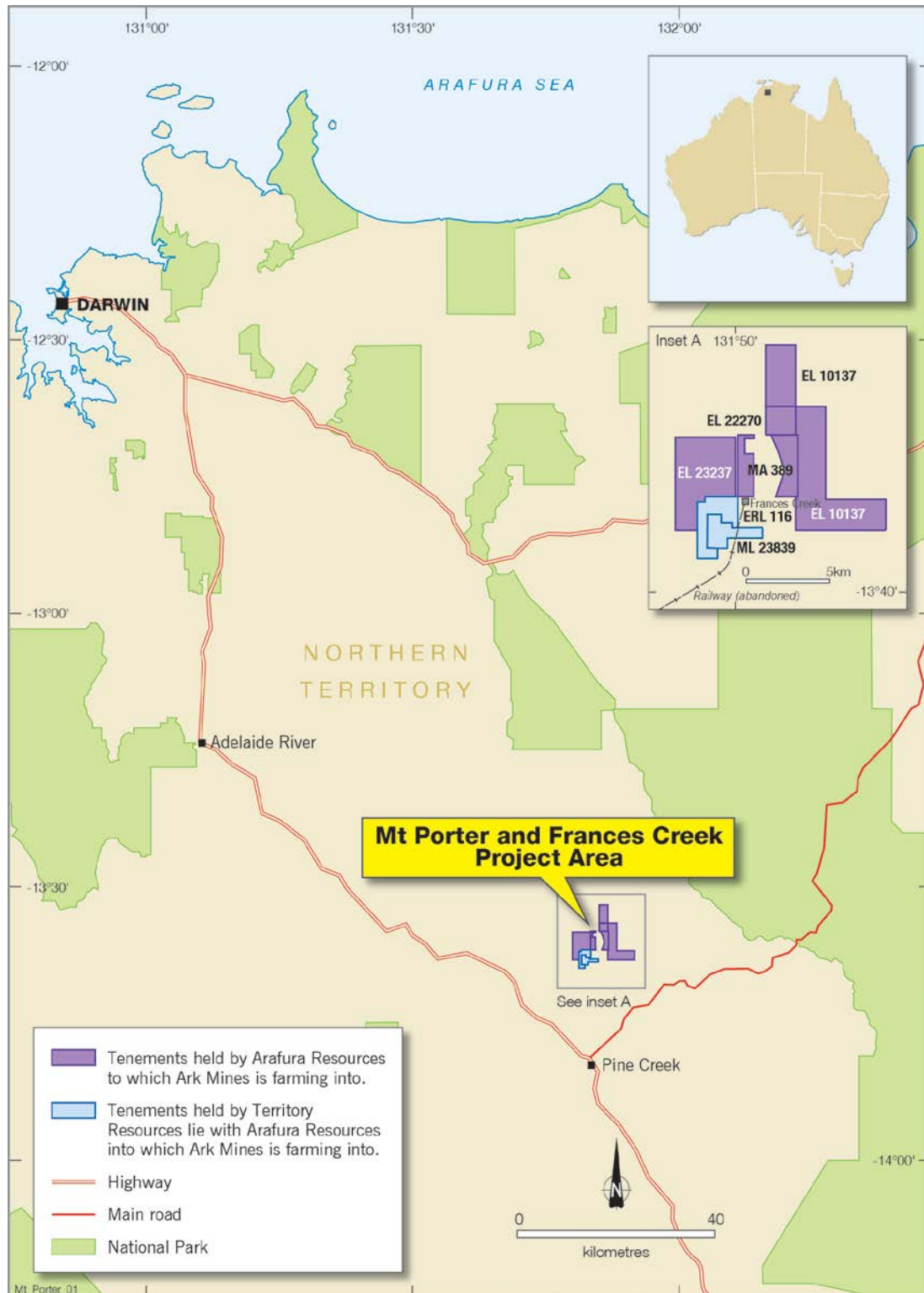
## **Mt PORTER**

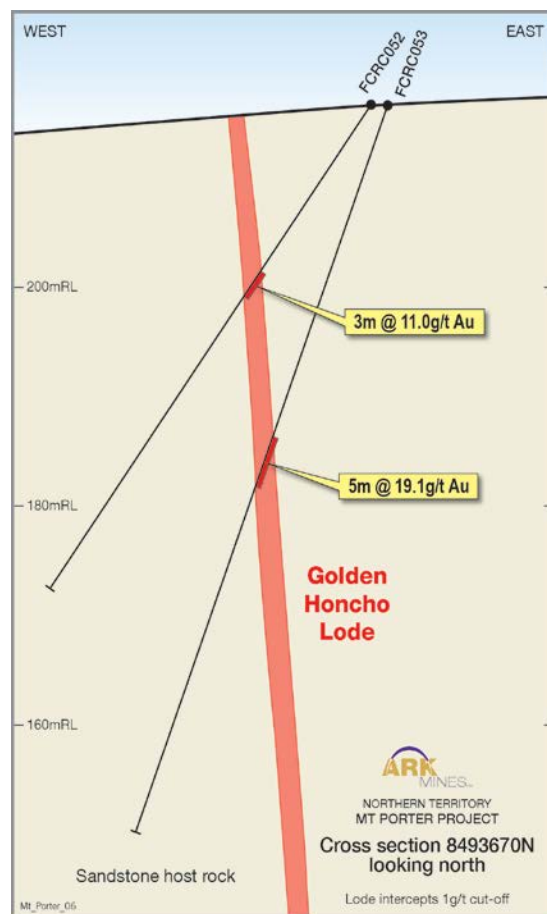
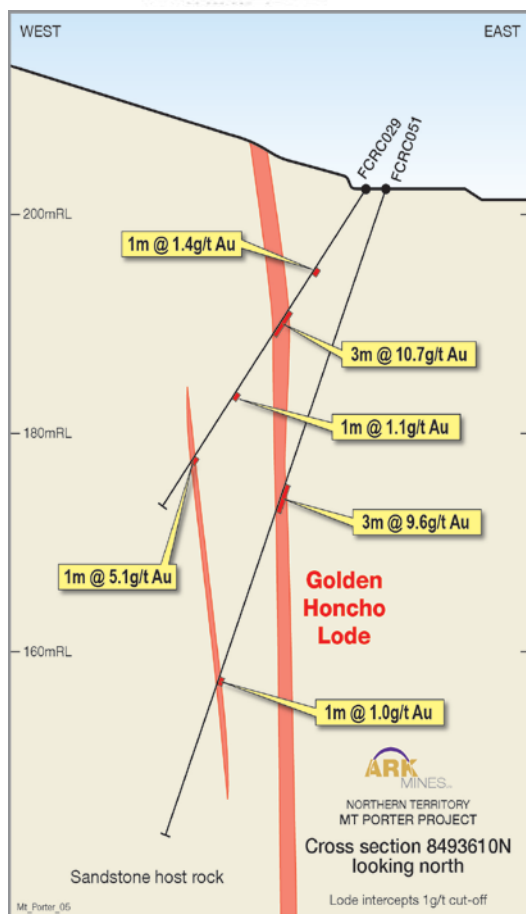
- **2 by 80m angled HQ diamond holes in the NW target zone** (refer to Fig 5)
- **2 by 80m angled HQ diamond holes in the SE target zone** (refer to Fig 5)
- **All core to be assayed for Gold Grades as well as metallurgical testing with a view to improving grade, tonnes and recovery**

## **FRANCES CREEK**

- **Targeting the oxide zone less than 20m vertical depth from surface**
- **Infill drilling - 20 by 15m angled RC holes targeting 8m vertical depth** (refer to Fig 3)
- **Infill drilling - 20 by 30m angled RC holes targeting 15m vertical depth** (refer to Fig 3)
- **20 costeans to test the near surface Gold values of the Gold Reef**

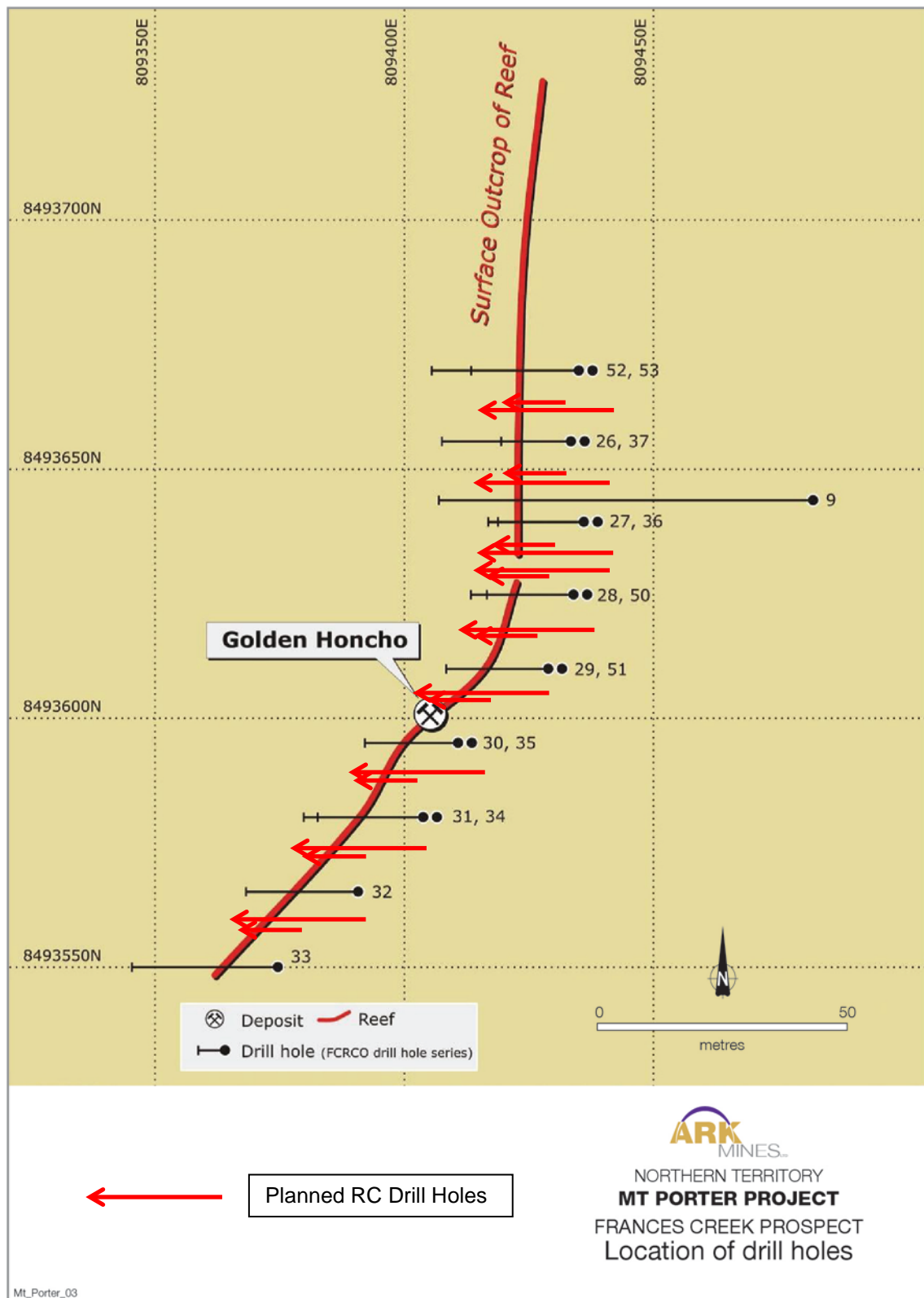
**Figure 1 – Project location**





**Figure 2 – X Section of Golden Honcho**

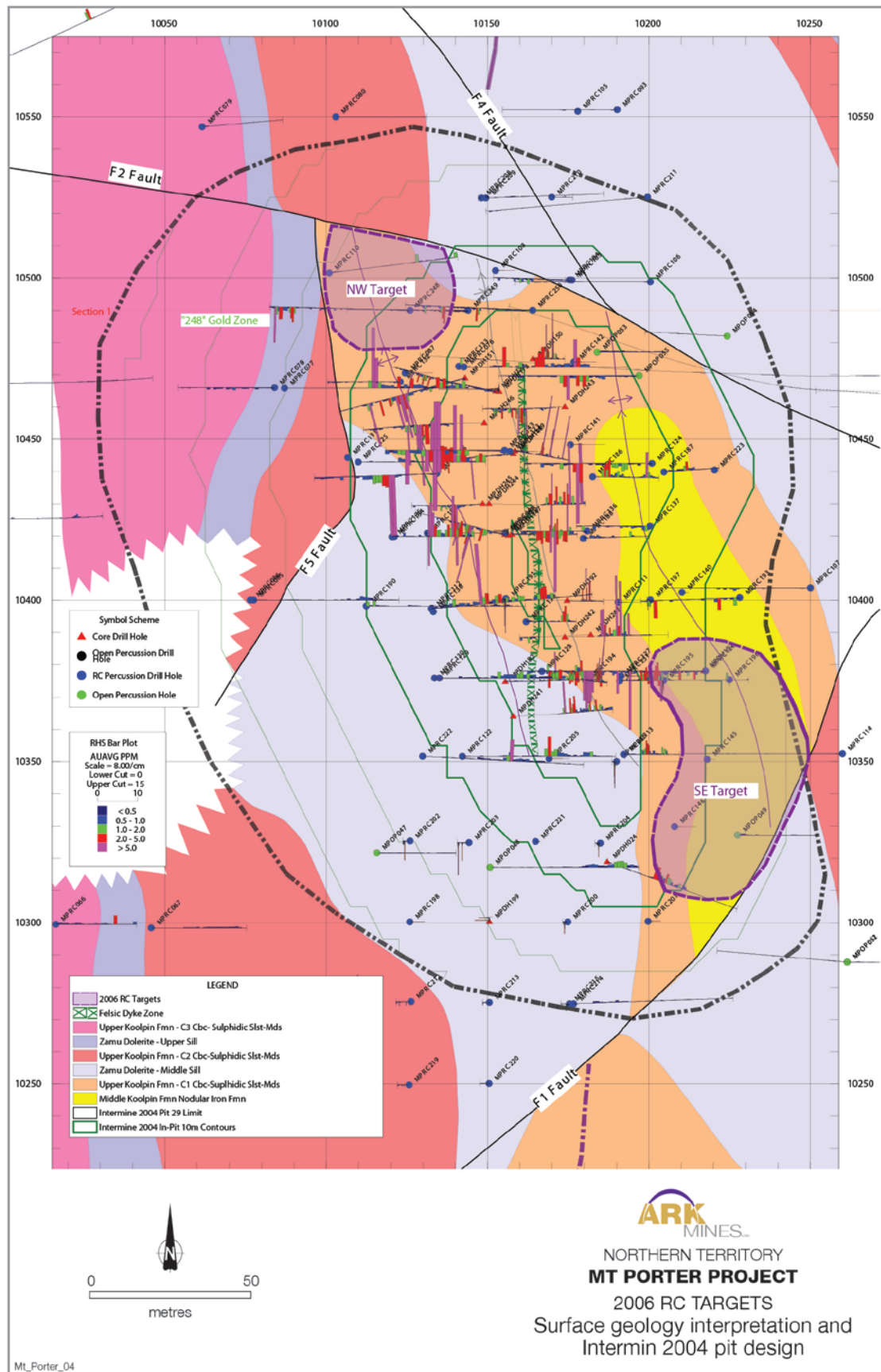
**Figure 3 – Proposed drill traces along the strike of Golden Honcho**



**Figure 4 –Drill Intersection Highlights at Frances Creek**

Hole Number	From m	To m	Interval m	Au grams	Prospect
FCRC015	16	17	1	1.02	Golden Slips
FCRC016	6	8	2	2.47	Golden Slips
FCRC017	15	19	4	47.54	Golden Slips
FCRC017	21	23	2	1.68	Golden Slips
FCRC018	27	28	1	3.3	Golden Slips
FCRC019	27	28	1	1.47	Golden Slips
FCRC020	27	28	1	2.88	Golden Slips
FCRC023	33	34	1	10.32	Golden Slips
FCRC024	32	34	2	9.92	Golden Slips
FCRC035	32	33	1	5.07	Golden Slips
FCRC035	45	47	2	1.44	Golden Slips
FCRC037	33	35	2	10.07	Golden Slips
FCRC038	3	4	1	1.38	Golden Slips
FCRC040	10	12	2	1.67	Golden Slips
FCRC041	12	14	2	6.39	Golden Slips
FCRC042	13	14	1	2.58	Golden Slips
FCRC044	17	18	1	3.33	Golden Slips
FCRC045	1	3	2	1.56	Golden Slips
FCRC045	8	11	3	1.78	Golden Slips
FCRC045	14	15	1	3.75	Golden Slips
FCRC046	3	4	1	1.07	Golden Slips
FCRC046	7	8	1	2.06	Golden Slips
FCRC047	30	31	1	2.31	Golden Slips
FCRC048	46	48	2	2.09	Golden Slips
FCRC026	19	21	2	6.51	Golden Honcho
FCRC027	17	19	2	3.88	Golden Honcho
FCRC027	25	27	2	11.61	Golden Honcho
FCRC028	14	19	5	4.44	Golden Honcho
FCRC029	9	10	1	1.38	Golden Honcho
FCRC029	14	17	3	10.66	Golden Honcho
FCRC029	23	24	1	1.1	Golden Honcho
FCRC029	30	31	1	5.08	Golden Honcho
FCRC030	14	16	2	8.15	Golden Honcho
FCRC030	28	29	1	3.89	Golden Honcho
FCRC031	11	12	1	1.06	Golden Honcho
FCRC031	22	24	2	13.29	Golden Honcho
FCRC032	15	16	1	2.85	Golden Honcho
FCRC033	26	27	1	2.88	Golden Honcho
FCRC034	52	53	1	3.3	Golden Honcho
FCRC050	35	36	1	1.28	Golden Honcho
FCRC051	29	32	3	9.59	Golden Honcho
FCRC052	17	20	3	10.96	Golden Honcho
FCRC053	30	35	5	19.11	Golden Honcho

**Figure 5 –Mt Porter Drill Targets – NW and SE**



### Note 1

#### Frances Creek

- Close to Arks Mt Porter 34,000oz Au Resource and Pine Creek
- Studies underway on historical data and geological information at Golden Slips and Golden Honcho prospects – excellent gold grades previously identified
- First stage drilling completed by Arafura- 40 RC holes drilled for 1,646m
- Sub Vertical quartz veins outcropping on top of steep ridge crests which are amenable to simple low cost open pit mining.
- The results show similar grades and widths to the surface sampling
- Average surface grades of 17.6 g/t over 420 meters (Golden Honcho)
- And 18.2 g/t over 180 metres (Golden Slips)
- Over 2,400 metres of strike length with only 390 metres drilled to date

### Note 2

In early 2004 JORC Code, an updated resource estimate was completed for Arafura by Reseval Pty Ltd. Published Identified Resources for the Mt. Porter 10400 Zone deposit, calculated in compliance with the requirements of the JORC Code, now stand at:

	<b>Cut-off 1.7 g/t</b>
Indicated Resources	300,000 t @ 3.1 g/t Au
Inferred Resources	55,000 t @ 2.6 g/t Au
<b>TOTAL RESOURCES</b>	<b>355,000 t @ 3.0 g/t Au</b>
	<b>34,000ozs</b>

#### About Ark Mines

Ark Mines Ltd (ASX: AHK) is a publicly listed company with Gold Tenements in Northern Territory and New South Wales. Ark's six Exploration Licences (ELs) in New South Wales (NSW) all lie within the Lachlan Fold Belt. This area is the focus for significant Exploration in NSW and the epicentre of many major poly metallic and precious metal Mines.

**FURTHER INFORMATION: Roger Jackson, Managing Director, Ark Mines Limited: +61400 408 550**





*The information in this announcement that relates to Exploration Results, Mineral Resources or Ore Reserves has been compiled by Robert McLennan BSc (Hons), MSc, MAIG, who is a Fellow of The Australasian Institute of Mining and Metallurgy and who has more than ten years' experience in the field of activity being reported on. Mr McLennan is a director of the Company. Mr McLennan 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 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr McLennan consents to the inclusion in the announcement of the matters based on his information in the form and context in which it appears.*

Note:

Runge Limited who purchased the assets of Resource Evaluations Pty Ltd have reviewed the documentation relating to the Mount Porter resource and have confirmed that this resource estimation conforms to the reporting guidelines of the JORC Code (2004).