

ASX Release  
18 October, 2007

## **APPOINTMENT OF PROJECT MANAGER AND PRELIMINARY GOLD RECOVERY RESULTS**

The Board of Integra Mining Limited (Integra) is pleased to announce the appointment of Robert 'Rowan' Johnston as Project Manager for the Aldiss-Randalls Project. Rowan brings to Integra very substantial mining and mine development experience in Australia, Indonesia and France.

A pre-condition to Rowan's appointment was the requirement that analytical testwork confirm that the Salt Creek gold mineralisation is treatable by conventional CIP/CIL processing methods. Integra is pleased to advise that preliminary testwork for samples from a single RC drill hole indicates the gold mineralised material demonstrates excellent cyanide leach characteristics with an average recovery of 99.42% of contained gold.

Further, this very preliminary cyanide leach testwork displays a substantial and consistent average increase in grade of gold mineralised intervals of between 23% to 42% compared to the original fire assay results. While extremely encouraging, Integra would like to caution investors that these results are preliminary and a much more comprehensive sampling and testwork programme is required to confirm these results.

### **Appointment of Rowan Johnston**

Integra has appointed Rowan Johnston as Project Manager of the Aldiss-Randalls Gold Project. Rowan is a mining engineer with 25 years experience in both open pit and underground gold mining operations in Australia and overseas. Rowan's most recent experience was with Westonia Mines Limited where he was responsible for feasibility studies and the relocation of the Big Bell gold process plant. Despite the difficulties associated with that particular project, it is Integra's view that the management did an excellent job. Rowan's significant experience in gold mining projects, and especially his recent experience, is of direct relevance to Integra's development aspirations at the Company's Aldiss-Randalls Gold Project and Integra is pleased to welcome him to the team.

### **Preliminary Metallurgical Testwork**

Integra advises investors that the following results are preliminary in their nature and that additional more comprehensive metallurgical testwork is underway.

One metre interval samples from drill hole SKRC029 were collected for accelerated cyanide leach testwork to determine the amenability of the gold mineralised material to processing by conventional CIP/CIL processing methods. One metre samples were split from the residual RC chip sample at the drill site and 400g samples were provided for the leach testwork. Samples were prepared by comminution (grinding) to 90% of the sample passing -75µm and were agitated in a concentrated cyanide solution for 2 hours and the aliquot analysed for gold abundance.

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Additionally, the post-leach tail was analysed to determine the abundance of gold not leached by the cyanide solution.

Results indicate an average contained gold recovery of 99.42%. As preliminary results, the Company is highly encouraged by the excellent recovery performance of this small set of samples.

Surprisingly, the accelerated leach tests indicate a significant increase in contained gold compared to previous fire assay results. The average gold grade from the accelerated cyanide leach results was a very surprising 23% to 42% higher than previous fire assay gold results. It is not uncommon to have higher gold abundances from cyanide leach gold results than from fire assay gold results. Comparative assay results from drill hole SKRC029 are:

Hole ID	From (m)	To (m)	Interval (m)	Fire Assay Gold (g/t)	Cyanide Leach Gold (g/t)	Increase
SKRC029	45	56	11	4.43	5.46	23.27%
	67	90	23	4.62	6.59	42.7%

It is important to keep in mind in comparing the fire assay and cyanide results that while taken from the same drill hole intervals, they are separate samples analysed by different methods by different labs. These results are for samples collected from a single RC drill hole and as such, are not spatially representative of all of the gold mineralisation at the Salt Creek gold discovery. A more comprehensive sampling and testwork programme is required to confirm these results.

Nevertheless, the Company is highly encouraged by the preliminary leach results.

A full tabulation and graphical representation of previous fire assay results and accelerated cyanide leach results is attached.

Yours sincerely,



**Chris Cairns**  
**Managing Director**

*Information in this announcement that relates to Exploration Results and Mineral Resources has been reviewed by Chris Cairns, Managing Director, who 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". Chris Cairns is a Member of the Australian Institute of Geoscientists and consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.*

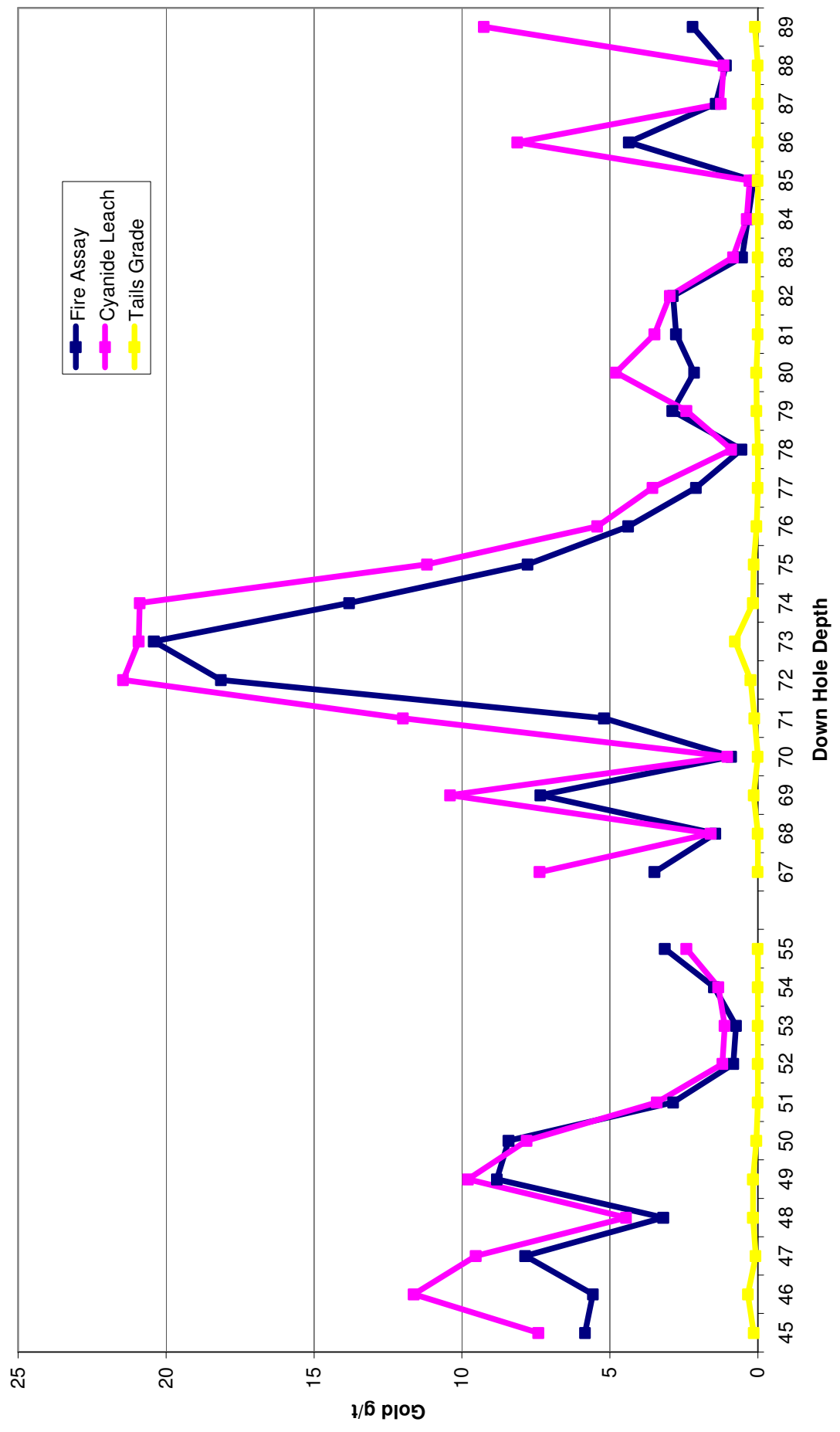
**Salt Creek Deposit**  
**Recent Mineralised Intercepts for Metallurgical Sampling**

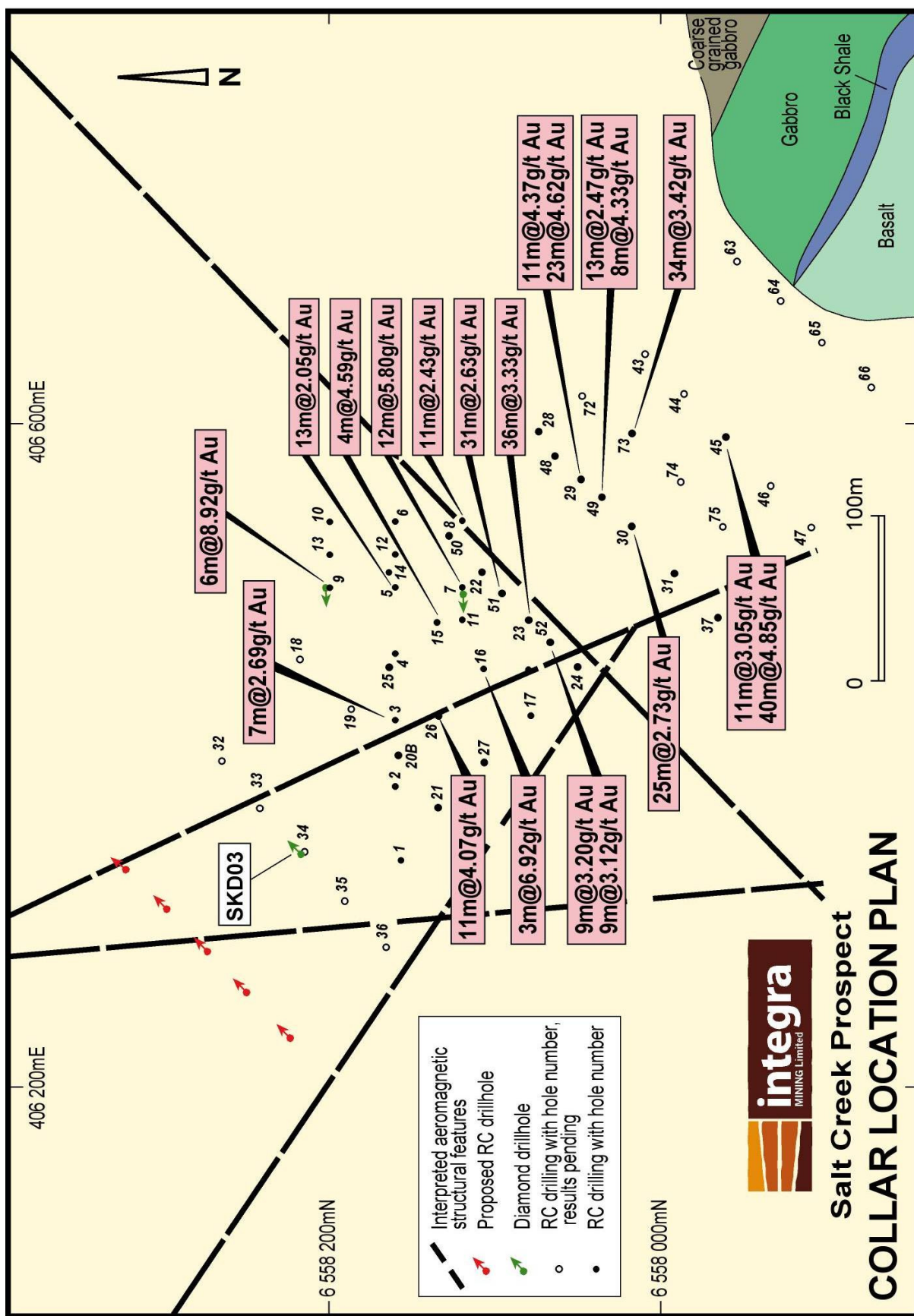
Hole No.	Interval		Oxidation State	Fire Assay (g/t)	Accelerated Cyanide Leach		Grade Difference	% Increase	Gold Recovery
	From	To			Solution	Assay on Tails			
SKRC029	45	46	FR	5.84	7.41	0.14	1.57	26.88%	100.00%
	46	47	FR	5.57	11.63	0.33	6.06	108.80%	100.00%
	47	48	FR	7.86	9.53	0.07	1.67	21.25%	99.27%
	48	49	FR	3.19	4.45	0.16	1.26	39.50%	96.53%
	49	50	FR	8.82	9.79	0.16	0.97	11.00%	98.39%
	50	51	FR	8.42	7.81	0.05	-0.61	-7.24%	99.36%
	51	52	FR	2.86	3.41	<0.01	0.55	19.23%	100.00%
	52	53	FR	0.83	1.19	<0.01	0.36	43.37%	100.00%
	53	54	FR	0.73	1.12	<0.01	0.39	53.42%	100.00%
	54	55	FR	1.48	1.33	<0.01	-0.15	-10.14%	100.00%
	55	56	FR	3.14	2.41	<0.01	-0.73	-23.25%	100.00%
SKRC029	67	68	FR	3.49	7.37	<0.01	3.88	111.17%	100.00%
	68	69	FR	1.44	1.59	<0.01	0.15	10.42%	100.00%
	69	70	FR	7.35	10.4	0.14	3.05	41.50%	98.67%
	70	71	FR	0.89	1.03	<0.01	0.14	15.73%	100.00%
	71	72	FR	5.20	11.99	0.11	6.79	130.58%	99.09%
	72	73	FR	18.15	21.45	0.24	3.3	18.18%	98.89%
	73	74	FR	20.41	20.92	0.77	0.51	2.50%	96.45%
	74	75	FR	13.81	20.89	0.16	7.08	51.27%	99.24%
	75	76	FR	7.78	11.18	0.14	3.4	43.70%	98.76%
	76	77	FR	4.38	5.42	0.04	1.04	23.74%	99.27%
	77	78	FR	2.09	3.56	<0.01	1.47	70.33%	100.00%
	78	79	FR	0.55	0.89	<0.01	0.34	61.82%	100.00%
	79	80	FR	2.88	2.41	0.04	-0.47	-16.32%	98.37%
	80	81	FR	2.15	4.79	0.05	2.64	122.79%	98.97%
	81	82	FR	2.76	3.49	<0.01	0.73	26.45%	100.00%
	82	83	FR	2.87	2.97	<0.01	0.1	3.48%	100.00%
	83	84	FR	0.53	0.84	<0.01	0.31	58.49%	100.00%
	84	85	FR	0.33	0.37	<0.01	0.04	12.12%	100.00%
	85	86	FR	0.14	0.28	<0.01	0.14	100.00%	100.00%
	86	87	FR	4.36	8.13	<0.01	3.77	86.47%	100.00%
	87	88	FR	1.42	1.24	<0.01	-0.18	-12.68%	100.00%
	88	89	FR	1.07	1.15	<0.01	0.08	7.48%	100.00%
	89	90	FR	2.20	9.26	0.10	7.06	320.91%	98.93%

Average      46.26%      99.42%

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**Salt Creek Prospect  
COLLAR LOCATION PLAN**

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