

## HIGH-GRADE RESULTS PUT INTEGRA ON TRACK TO BE 140,000 OZ-A-YEAR PRODUCER

UNDERGROUND POTENTIAL GETS HUGE BOOST WITH
INTERSECTIONS OF UP TO 39.29G/T

## **HIGHLIGHTS**

- High-grade drilling results at the Maxwells gold deposit highlight strong potential for underground mine
- Results confirm high-grade gold extends to 400m depth more than 200 metres below the extent of the existing Mineral Resource
- High-grade gold mineralisation remains open at depth, with deepest hole hitting 2.2m at 9.86g/t at 400 metres depth

Integra Mining Limited ("Integra"; **ASX:** IGR) is pleased to report that its goal to become a 140,000 oz-a-year producer has been given a significant boost by a host of high-grade drilling results from the Maxwells gold deposit at its Randalls Gold Project near Kalgoorlie.

Recently received drill assay results for the deep diamond drilling include:

- > 2.95 metres at 39.29 g/t gold from 221 metres drill depth
- > 4.6 metres at 21.36 g/t gold from 189 metres drill depth
- > 2.7 metres at 27.87 g/t gold from 120 metres drill depth
- > 1.45 metres at 32.01 g/t gold from 227 metres drill depth
- > 5.6 metres at 8.03 g/t gold from 139 metres drill depth
- > 3.35 metres at 12.75 g/t gold from 150 metres drill depth
- > 2.45 metres at 17.06 g/t gold from 180 metres drill depth

The deepest drill hole completed to date at the Maxwells gold deposit confirms high-grade gold mineralisation extends to considerable depths, more than 200 metres below the existing Mineral Resource, and remains open with assay results including:

> 2.2 metres at 9.86 g/t gold from 404 metres drill depth

Construction at Randalls is well underway, with first production remaining on-schedule for September this year. Initial annual production will average 75,000 ounces.

Integra is currently studying options to increase this to 100,000 oz-a-year utilising the existing production capacity and a further rise to 140,000 oz-a-year or more based on a plant upgrade to increase throughput by 50%.

Initial production increases are based on the potential development of high-grade underground operations at the Maxwells and Santa gold deposits and then the incorporation of Phase 2 open



pit production. Additional production opportunities include the recent Majestic gold discovery located some 22 kilometres north of the Salt Creek process facility.

Gold mineralisation at the Maxwells gold deposit is hosted in a series of parallel vertically dipping banded-iron formation (BIF) units typically between 2 metres to 5 metres wide. High-grade gold mineralisation is associated with quartz 'ladder vein' arrays with a pyrite / pyrrhotite and coarse arsenopyrite selvage and common visible gold.

Drill results received to date demonstrate the depth continuation of high-grade gold mineralisation at Maxwells well beyond the existing Mineral Resource and highlight the underground production potential at Maxwells. However investors are cautioned that the Company needs to complete a new Mineral Resources estimate including these most recent results and an underground mining feasibility study before the economic potential of underground production can be properly determined.

Additionally, RC drilling results from the base of the planned open pit at the north end of Maxwells are expected to result in locally higher grades / tonnes and are expected to have a positive impact on the open pit design at the northern end. A new Mineral Resources estimate and open pit design is expected to be completed in the second half of the year.

Integra has been drilling at the Santa, Cock-eyed Bob and Maxwells BIF-hosted gold deposits at depth and along strike to evaluate the underground production potential of these deposits. While the current programme at Maxwells is now complete (awaiting some final assays), the Santa and Cock-eyed Bob drilling programmes are on-going and results will be released in due course.

The samples from the Maxwells programme were submitted to the lab for special sample preparation which resulted in significant delays in final assay receipts. This situation has been rectified and a more timely receipt of assay results is expected in future.

Yours sincerely,

Chris Cairns Managing Director

Cl. Ci

Information in this announcement that relates to Exploration Results and Mineral Resources is based on information compiled 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 Australasian Institute of Geoscientists and consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

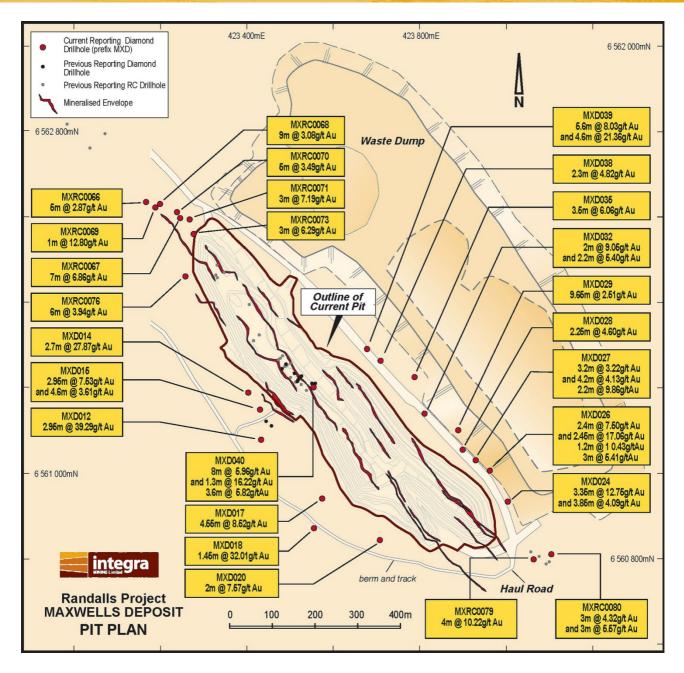


420 000mE 400 000mE 440 000mE 460 000mE 480 000mE ROWES FIND Australian FINGALS & Railway 6 570 000mN -(Mt Monger) Cowarns Downs INTEGRA FIELD CAMP KARONIE "MAIN ZONE" HARRY'S HILL BARE HILL S MAXWELLS ASPEN © COCKEYED BOB RED DALE MOHEGAN **⊗** K4 N FRENCH KISS NORTH LUCKY BAY & 6 550 000mN FRENCH KISS **PROJECTS** 20km Aldiss Gold Project S LITTLE PECK
S ESPLANADE Cowarna Joint Venture **Glandore Joint Venture** KALGOORLIE Mt. Monger / Newcrest JV Mt. Monger / Solomons COOLGARDIE 6 530 000mN -Peters Dam JV / Rubicon Randalls integra KAMBALDA Randell Hill **Red Dale Option** PROJECTS AND PROJECT LOCATIONS

**Rowes Find** 

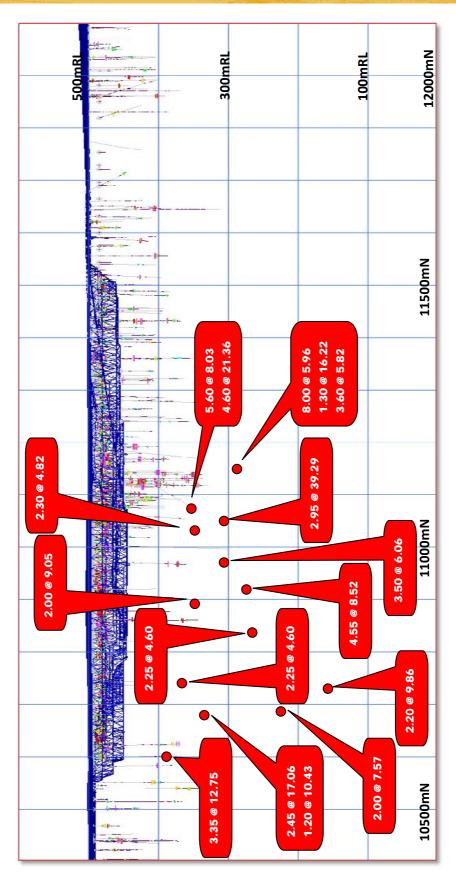


ASX RELEASE 10<sup>th</sup> June 2010





ASX RELEASE 10<sup>th</sup> June 2010



Maxwells gold deposit long section showing deep drilling intercepts



ASX RELEASE 10<sup>th</sup> June 2010

Hole ID	Easting	Northing	Dip	Azimuth	From (m)	To (m)	Interval (m)	Gold (g/t)
RC Drill Holes								
MXRC0066	423166	6561639	-65	230	3	8	5	2.87
MXRC0067	423245	6561601	-65	230	56	63	7	6.86
MXRC0068	423198	6561635	-65	230	47	56	9	3.08
MXRC0069	423188	6561626	-65	230	26	27	1	12.80
MXRC0070	423238	6561616	-65	230	74	79	5	3.49
MXRC0071	423266	6561598	-60	230	79	82	3	7.19
MXRC0073	423276	6561564	-55	50	52	55	3	6.29
MXRC0076	423258	6561466	-50	50	94	100	6	3.94
MXRC0079	424064	6560807	-60	230	25	29	4	10.22
MXRC0080	424105	6560819	-60	230	79	82	3	4.32
					93	96	3	5.57
Diamond Drill Holes								
MXD012	423434	6561085	-60	50	220.65	223.6	2.95	39.29
MXD014	423402	6561195	-55	50	119.5	122.2	2.7	27.87
MXD015	423431	6561156	-55	50	122.05	125	2.95	7.53
					176.2	180.8	4.6	3.61
MXD017	423575	6560948	-55	50	184	188.55	4.55	8.52
MXD018	423555	6560880	-65	50	226.9	228.35	1.45	32.01
MXD020	423708	6560852	-55	50	321	323	2	7.57
MXD024	424004	6560942	-55	230	150	153.35	3.35	12.75
					156.35	160.2	3.85	4.09
MXD026	423963	6561013	-55	230	63.7	66.1	2.4	7.50
					180.15	182.6	2.45	17.06
					190.6	191.8	1.2	10.43
					241.5	244.5	3	5.41
MXD027	423931	6561038	-55	230	167.4	170.6	3.2	3.22
					391.8	396	4.2	4.13
		1		T	404	406.2	2.2	9.86
MXD028	423898	6561063	-55	230	146.05	148.3	2.25	4.60
MXD029	423889	6561108	-55	230	188.75	198.4	9.65	2.51
MXD032	423812	6561147	-50	230	168.15	170.15	2	9.05
		T		T	175.4	177.6	2.2	5.40
MXD035	423788	6561231	-55	230	245.05	248.55	3.5	6.06
MXD038	423710	6561271	-55	230	164.8	167.1	2.3	4.82
MXD039	423678	6561297	-50	230	138.7	144.3	5.6	8.03
		ı		T	189.2	193.8	4.6	21.36
MXD040	423554	6561207	-55	230	22.8	30.8	8	5.96
					182.6	183.9	1.3	16.22
					187.4	191	3.6	5.82

Note: True widths are approximately 55% to 65% of reported interval.