



NEWS RELEASE  
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[www.goldenpredator.com](http://www.goldenpredator.com)

## Metallurgical Tests Indicate 93.5% to 98.3% Overall Gold Recovery at Golden Predator’s 3 Aces Project, Yukon

Hayden, Idaho, December 2<sup>nd</sup>, 2014: Golden Predator Mining Corp. (TSX.V: GPY) (the “Company”) announces metallurgical testing has been completed on 3 large volume samples collected from the Sleeping Giant zone on the 3 Aces property in the Yukon Territory. Overall gold recoveries for the three samples were reported at 98.3%, 97.9% and 93.5%. The three samples were processed in their entirety in bulk fashion by gravity and gravity tail leaching. The final results of the metallurgical testing on the three samples showed that very high overall gold recoveries can be achieved by simple initial gravity methods followed by final CN leaching of the tails.

### Metallurgical Testing

The final bulk processing of the three large samples was conducted by grinding the entire sample in batches of 10 kg to a target grind size of 80% passing 200 microns. After grinding, the whole sample was fed through a Knelson concentrator for gold recovery. The results show the gravity gold recoveries at this grind size ranged from 74.6% to 88.5%. A split of the gravity tails from each sample was then ground to 80% passing 75 microns and subjected to cyanide leaching. The results showed the leach kinetics are very fast within the first 24 hours and gold extraction from the tails ranged from 74.3% to 90.2% for the samples. Table 1 shows the gravity, CN leach and overall total gold recoveries for the samples.

Table 1: Gravity & CN Leach Total Gold Recoveries

Sample	Au Rec., %	Gravity	Gr-tail CN	Combined Gr & Gr-tail CN
		GR-1	CN-1	
BS-3A13-03	Conc.	78.9	90.2	97.9
	Tail	21.1	9.80	2.1
		GR-2	CN-2	
BS-3A13-02	Conc.	88.5	85.4	98.3
	Tail	11.5	14.6	1.7
		GR-3	GR-3	
BS-3A13-01	Conc.	74.6	74.3	93.5
	Tail	25.4	25.7	6.5

The final test results also provided evidence that the use of a screen metallic assay method with an approximate 2,000 gram pulp (80% passing 150 mesh) is an appropriate method to obtain reliable gold grades from exploration and development samples. Table 2 shows the assay head grade versus the sample sizes and methods.

**Table 2: Gold Grade by Test Method**

Test Method	Gold Head Grade grams per tonne		
	BS-3A13-01	BS-3A13-02	BS-3A13-03
Screen Metallic (2,000 gram sub-sample)	1.6	10.5	215.5
GRG Testing (20kg sub-sample)	1.79	10.5	212.5
Bulk Gravity Processing	1.85	13.2	260.4
Sample weight for bulk process	800kg	730kg	530kg

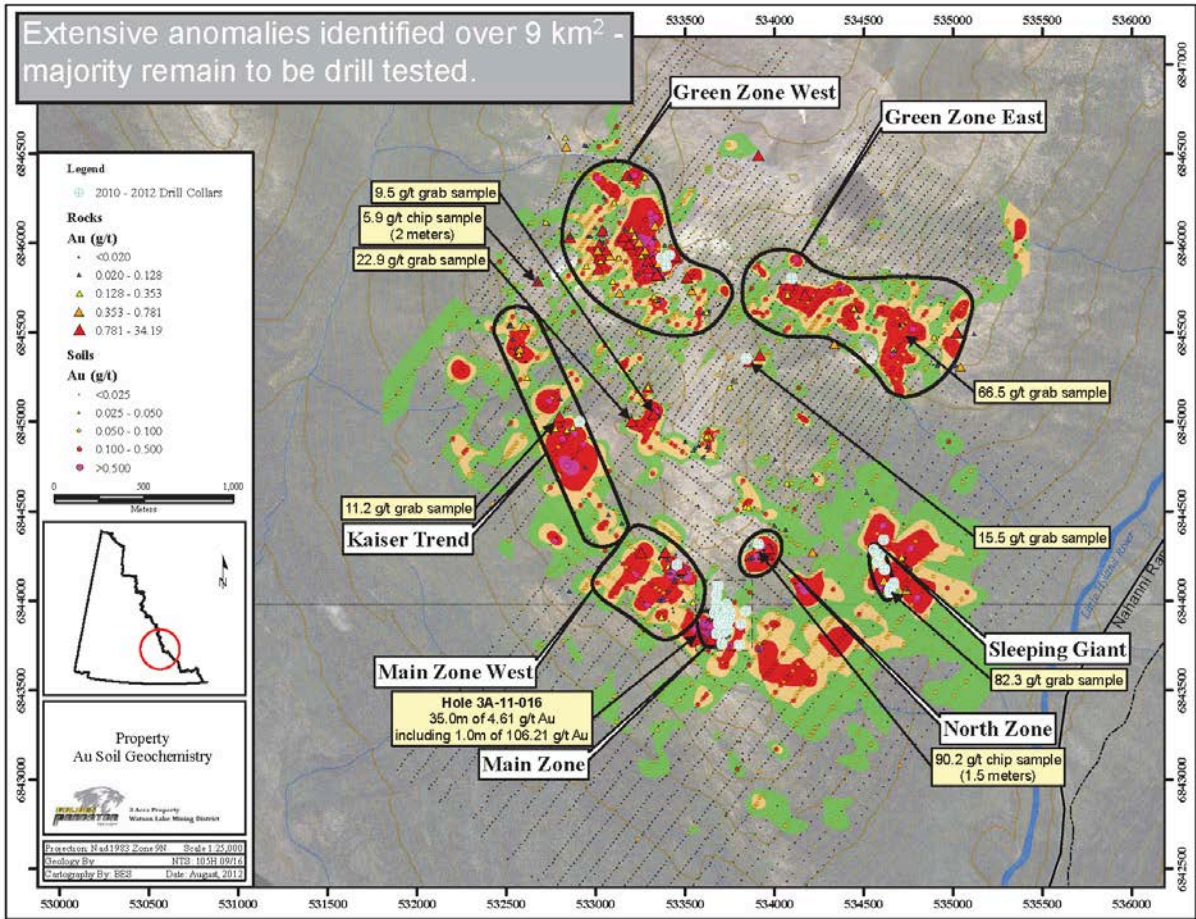
### **3 Aces Project, Yukon**

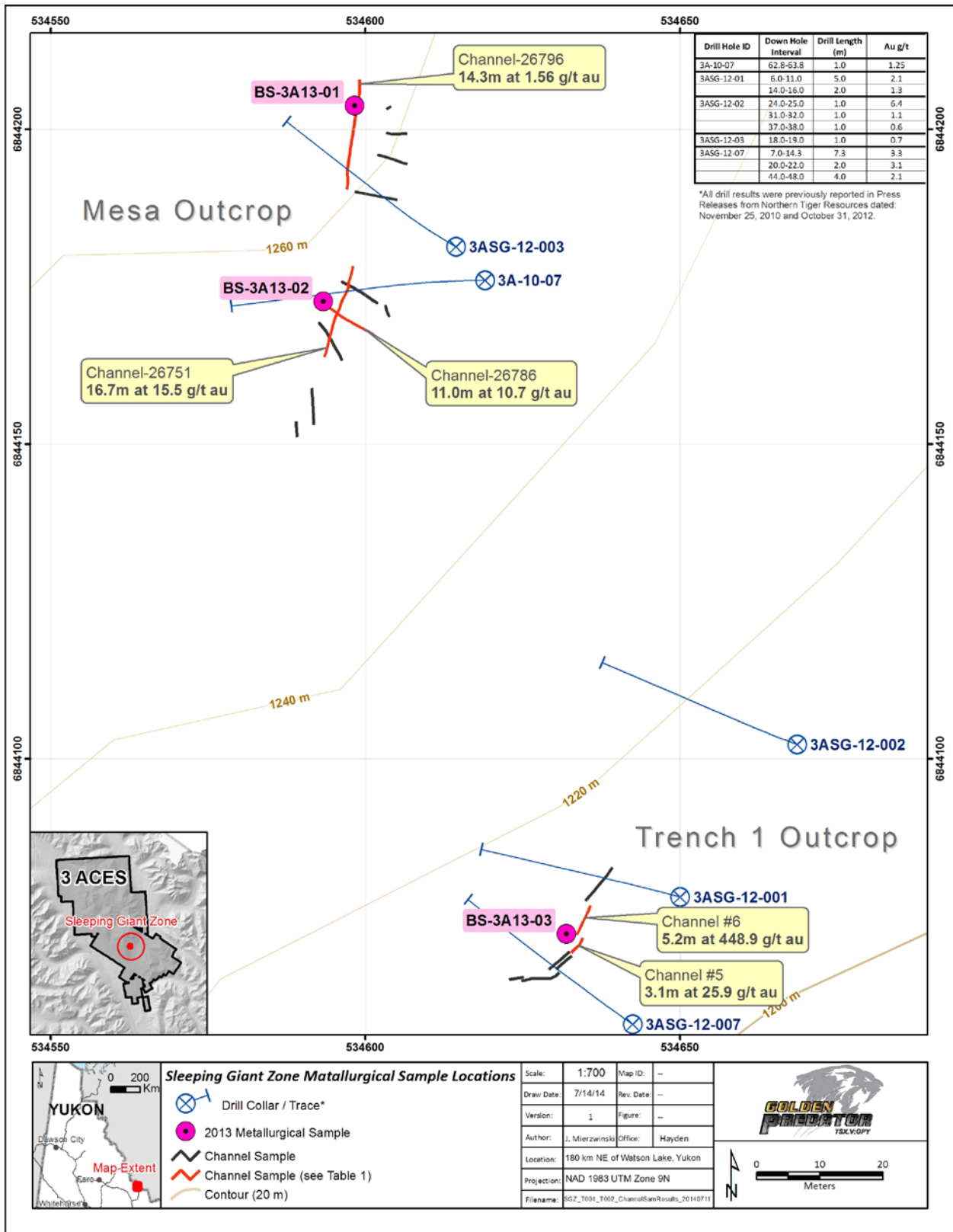
The 3 Aces property consists of 1,108 contiguous quartz claims (23,000 hectares) located in southeast Yukon. The property is located along the Nahanni Range Road which accesses the operational Cantung Mine located 40 kilometres to the north.

The 3 Aces property contains a number of quartz veins and vein zones that cut Cambrian aged limestone, shale, quartz grits and pebble chert conglomerates of the Hyland Group. Previous sampling and exploration by Golden Predator (formerly Northern Tiger) has outlined extensive gold-in-soil anomalies over nine square kilometres, including numerous high grade gold showings. (see property map below).

The 3 Aces property is located in the traditional territory of the Kaska Nation. In January 2013, Golden Predator signed an Exploration Agreement with the Kaska Nation, as represented by the Ross River Dena Council and the Liard First Nation, with respect to activities within their traditional territories.

The technical content of this news release has been reviewed and approved by Michael Maslowski BSc, CPG, a consultant to the company and a Qualified Person as defined by National Instrument 43-101.





**Golden Predator Mining Corp.**

Golden Predator's corporate mandate is to advance the Brewery Creek project towards production through a joint venture arrangement. The Brewery Creek mine operated from 1996 to 2002, before closing due to low gold prices. Mining licenses and permits are in place for continued exploration along with a Socio Economic Accord with the Tr'ondek Hwech'in. The Company holds additional projects with current resources and/or new discovery potential, including the high-grade 3 Aces and Grew Creek gold projects and the Marg and Clear Lake polymetallic massive sulfide deposits.

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1)NI 43-101 Technical Report on Resources, Brewery Creek Project, Yukon Territory, Canada by Donald Hulse, P.E., SME-RM, M. Claiborne Newton, III, Ph.D., SME-RM et al. Dated January 2014 filed on SEDAR.

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