

Investor Presentation September 2017

Focused on Developing Two High-Grade Gold Projects in Burkina Faso PRALLEL PARALLEL TSX-V:PAL







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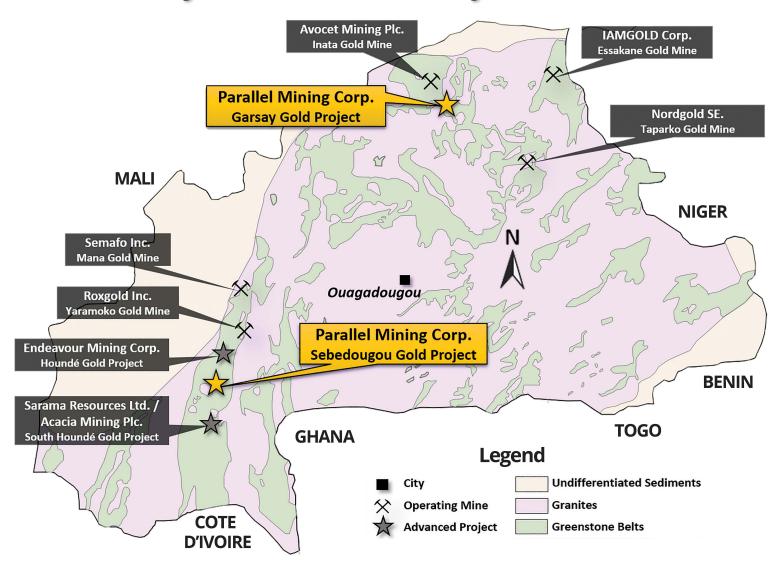
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The Garsay & Sebe Gold Projects





The Garsay & Sebe Projects – Overview

Parallel Mining is focused on the development of high value, high potential advanced gold exploration projects in West Africa.

The numerous high-grade gold intercepts recorded at Garsay and the initial results from Sebe provides Parallel Mining with a strong portfolio in Burkina Faso.

The Garsay Gold Project

- Encompasses a total area of 165 square kilometers
- Is proximal to Avocet Mining's 4.6 million ounce Inata Gold Project
- Only 220 kilometers northeast of the capital city Ouagadougou, in Burkina Faso
- The company holds the right to earn 100% interest in the property

The Sebe Gold Project

- The 100.08-square kilometre property is located in the Houndé Greenstone Belt
- Situated between the producing gold deposits Houndé and South Houndé operated by Endeavour Mining and Acacia Mining respectively
- The company holds the right to earn 100% interest in the property





In 2010 a Newmont Mining Corporation subsidiary optioned the Garsay property and:

- Undertook a systematic exploration program, including ground geochemistry, geophysical surveys and trenching
- The exploration was highly successful, and identified a gold anomaly which was traced over 1500 meters north to south and 500 meters east-west
- This was supplemented by 1467 meters of Air Core Drilling, 9407 meters of Reverse Circulation Drilling and 1508 meters of diamond drilling
- In 2015 a Rotary Air Blast Drilling campaign consisting of 1062 meters over 17 holes – to test near surface strike extensions of mineralized zones identified by Newmont resulted in significant results
- The RAB program demonstrated the mineralized structures identified by Newmont do extend along strike, with the potential for other parallel structures also existing





Garsay Gold Project – Exploration Results

Hole #	Date	Zone	From (m)	To (m)	Intercept (m) (est true)	Au (g/t)	Hole #	Date	Zone	From (m)	To (m)	Intercept (m) (est true)	Au (g/t)
GRC03 2	2012	N	70	72	2 (1.4)	178.50			incl.	42	46	4 (2.8)	5.33
GRC05 6	2012	SW	72	76	4 (2.8)	2.75			and	87	95	8 (5.7)	1.76
		and	83	86	3 (2.1)	13.17			and	101	102	1 (0.7)	11.00
GRC05	2012	SW	30	31	1 (0.7)	14.40	GDD04	2013	SE	81	82	1 (0.7)	11.15
		and	45	47	2 (1.4)	3.82			and	86	92	6 (4.2)	1.98
		and	70	72	2 (1.4)	4.46			and	104	109	5 (3.5)	1.52
		and	89	102	13 (9.1)	4.58			and	183.22	183.78	0.56 (0.4)	10.35
		incl.	92	96	4 (2.8)	11.16	GDD00 7	2013	N	107	114	7 (4.9)	1.71
GDD03	2013	SE	50.66	53	2.34 (1.4)	5.90			and	130	136	6 (4.2)	3.72
		and	99	113	14 (9.8)	5.55			and	193	194	1 (0.7)	18.8
		incl.	105	108	3 (2.1)	19.42	GDD00 8	2013	N	173	174	1 (0.7)	8.73
		SW	250	253	3 (2.1)	20.37			and	185	190	5 (3.5)	3.20
GDD01	2013	SW	42	51	9 (6.3)	3.09			and	217	219	2 (1.4)	4.43

From 2010 – 2013 Newmont Mining spent over US\$2 million on geophysics, soil and pit sampling, and 166 drill holes totaling 12,355m*

^{*} Newmont exploration results have not been verified by a Qualified Person and should be treated as historical.



Garsay Gold Project – Exploration Results

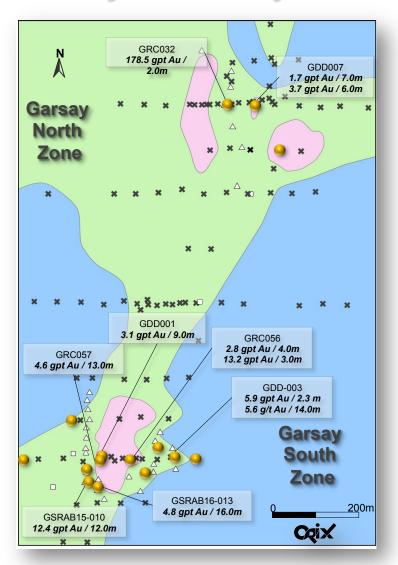
Since optioning the property, the Company's exploration team has continued to identify several high-grade targets along a 1,500 metre strike length.

Significant intersections from these targets include the following:

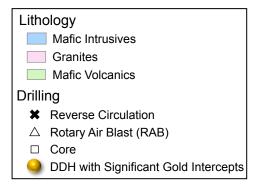
Hole #	Date	Zone	From (m)	To (m)	Intercept (m) (est true)	Au (g/t)
GSRAB15-03	2015	N	50	60	10 (9.0)	3.00
GSRAB15-05	2015	SE	44	54	10 (9.0)	3.02
GSRAB15-10	2015	SW	32	44	12 (10.8)	12.39
		incl.	40	44	4 (3.6)	33.70
GSRAB16-13	2016	SW	30	46	16 (14.4)	4.79
		incl.	30	34	4 (3.6)	7.21
		incl.	42	46	4 (3.6)	7.21
GSRAB16-15	2016	SW	32	46	14 (12.6)	3.27
DD16-01	2016	SE	454.1	455.8	1.7 (1.6)	5.03
DD16-03	2016	SW	103.5	106.6	3.1 (2.7)	4.24
		and	115.5	117.8	2.3 (1.8)	5.22





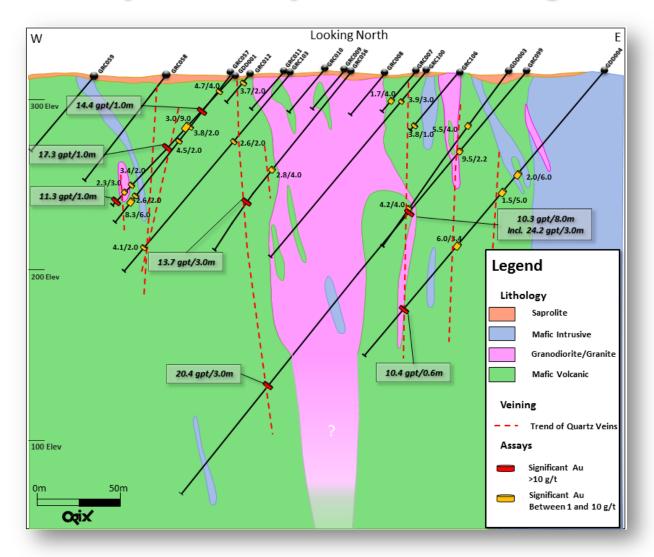


- 2010-2013 work by Newmont Mining focused on discovery of low grade bulk tonnage gold deposit at Garsay
- 2014-2016 work focused on higher grade intercepts associated with volcanic-intrusive contacts
- Recent work has confirmed prior high grade zones and discovered extensions and new zones.
- 2017 drill programs will focus on resource development and discovery of new zones.





Garsay Gold Project – South Target Profile



- drilling along several profiles indicated high gold grades in multiple vein sets associated with intrusive/volcanic contacts at over 200 m in depth
- The potential may exist for a high grade deposit mineable by open pit and underground methods.



Garsay Gold Project – The Camp

The camp includes infrastructure and is accessible by road.















Garsay Gold Project – Option Terms

Parallel Mining holds an option to acquire a 100% right to the Garsay exploration permit.

The terms of the agreement are to pay the optionor:

- a) \$30,000 USD January 30,2015
- b) \$50,000 USD January 30, 2016
- c) \$100,000 USD January 30, 2017
- d) \$1,000,000 USD January 30, 2018
- e) 1% net smelter royalty







Located in the Houndé Belt between Endeavour Mining's Houndé Project and Acacia Mining's South Houndé deposit in southwestern Burkina Faso.

- Houndé Belt considered a world-class, highly prospective gold mineralisation region
- Parallel is the first to conduct commercial exploration on the Sebe Permit and greenfield opportunities in this prolific belt are highly sought after
- The Houndé Belt also includes Roxgold's Yaramoko mine and Semafo's Mana mine
- This confirms the Houndé Belt potential to host multiple types and styles of gold deposits
- Artisanal mining active on the Sebe Gold Project covering a strike length of over 500 metres
- Historical data indicated samples taken at the bottom of artisanal mine shafts assayed between 3.0 and 6.6 grams per tonne (gpt) gold in 7 of the 9 shafts tested
- 8 surface grab samples taken in vicinity of shafts assayed between 2.9 & 7.8 gpt gold

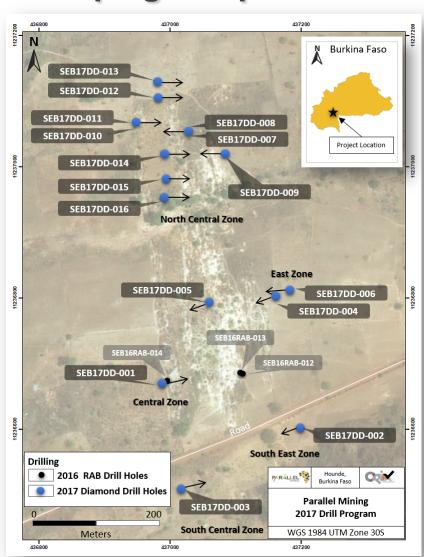




Sebe Gold Project – Drill Campaign Map

To follow up on the previous assays, a recent drill campaign was conducted:

- The diamond drill program consisted of 726.0 meters in 5 holes
- A new zone was discovered consisting of 10.2 grams per tonne (gpt) gold over 4.5 meters from 31.5 to 36.0 meters in diamond drill hole SEB-DD-17-04
- Included 24.9 gpt over 1.5m from 34.5 to 36.0m
- This initial intercept requires additional drilling to estimate the true width







Parallel Mining holds an option to acquire a 100% right to the Sebe exploration permit.

The terms of the agreement are to pay the owner:

- a) \$10,000 USD upon signing
- b) \$50,000 USD 12 months after signing
- c) \$100,000 USD 24 months after signing
- d) \$1,000,000 USD 36 months after signing
- e) the owner will retain a 2% royalty on commercial mineral production from the property







Shares Outstanding:	53,216,521	
Warrants:	1,800,000	Expire 02-16-2019
	2,900,000	Expire 03-18-2019
	12,610,000	Expire 06-02-2019
	1,100,000	Expire 06-13-2019
	3,475,000	Expire 07-18-2019
	6,512,500	Expire 02-27-2019
	<u>1,250,000</u>	Expire 03-06-2019
Finders Warrants:	40,000	Expire 02-16-2019
	160,000	Expire 03-18-2019
	782,400	Expire 06-02-2019
	88,000	Expire 06-13-2019
	458,000	Expire 02-27-2019
	132,000	Expire 03-06-2019
Fully Diluted Post Transaction:	84,524,421	





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