

April 2012



Aggressive West African Gold Exploration and Development

*Focused on expediting Gold
Production at Kiaka*





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RESOURCES INC.

TSX:VTR



CAUTIONARY NOTES

This presentation contains “forward-looking statements” within the meaning of applicable Canadian securities legislation. Forward-looking statements include, but are not limited to, statements with respect to the future price of gold, copper and other minerals and metals, the estimation of mineral reserves and resources, the timing and amount of estimated future production, costs of production, capital expenditures, costs and timing of the development of new deposits, success of exploration activities, permitting time lines, currency exchange rate fluctuations, requirements for additional capital, government regulation of mining operations, environmental risks, unanticipated reclamation expenses, title disputes or claims and limitations on insurance coverage. Generally, these forward-looking statements can be identified by the use of forward-looking terminology such as “plans”, “expects” or “does not expect”, “is expected”, “budget”, “scheduled”, “estimates”, “forecasts”, “intends”, “anticipates” or “does not anticipate”, or “believes”, or variations of such words and phrases or state that certain actions, events or results “may”, “could”, “would”, “might” or “will be taken”, “occur” or “be achieved”. Forward-looking statements are subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of Volta Resources to be materially different from those expressed or implied by such forward-looking statements, including but not limited to: risks related to international operations; actual results of current exploration activities; conclusions of economic evaluations; changes in project parameters as plans continue to be refined; future prices of gold, copper and other minerals and metals; general market conditions; possible variations in ore reserves, grade or recovery rates; failure of plant, equipment or processes to operate as anticipated; accidents, labour disputes and other risks of the mining industry; uncertainty of access to additional capital; delays in obtaining governmental approvals or in the completion of development or construction activities. Although Volta has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, you should not place undue reliance on forward-looking statements. Volta Resources does not undertake to update any forward-looking statements that are incorporated by reference herein, except in accordance with applicable securities laws.



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TECHNICAL TEAM



Kevin Bullock, President & CEO and Director

Professional Mining Engineer. Volta's (formerly Goldcrest Resources Ltd.) founding President and CEO since inception in 2003. Kevin has a wide knowledge base in the mineral industry and has completed several international exploration and mining projects. Previously, lamgold's General Manager in West Africa as well as VP, Operations for Kirkland Lake Gold Ltd. where he was instrumental in the reopening of the Macassa Gold Mine in Kirkland Lake, Ontario.

Victor King, Chief Operations Officer and Director

More than 20 years of senior management experience in the gold mining industry in Africa. As Exploration Manager for Gold Fields in Ghana, led the exploration team that delivered to the development of the world class Tarkwa Mine, which has total Resources (including Reserves) exceeding 22 million ounces of gold.



Guy Franceschi, Vice President Exploration

More than 30 years of experience in metals exploration and project development in Africa, Europe, South-east Asia and Latin America. Spent 12 year with United Nations' development agencies in Burkina Faso (1976-1983), Kenya, Haïti and Rwanda. Has been instrumental in the discovery and initial development of a number of base- and precious metal deposits, incl. Perkoa (Burkina Faso, 7Mt @17.7% Zn), Kiere and Kwademen (Burkina Faso, gold), Wire Hill (Kenya, base metals), Dialafara (Mali, gold), Al Uweynat (Libya, gold) and Bleyberg (Belgium, >1Mt 13% Zn and 5% Pb).

Alex Arhire, Vice President Operations

Alex has 29 years of professional experience highlights a proven track record of relevant technical and strategic international expertise. He holds a M.Sc. in Civil Engineering and is a member of the PEO and IOQ professional associations in Canada. He has been involved in both underground and open pit mining projects, having successfully completed engineering mandates, feasibility studies, site construction and construction management for several major mining firms. Mr. Arhire has extensive firsthand experience of African mining projects. Alex will be based in Burkina Faso.





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MARKET FACTS (as at March 26, 2012)

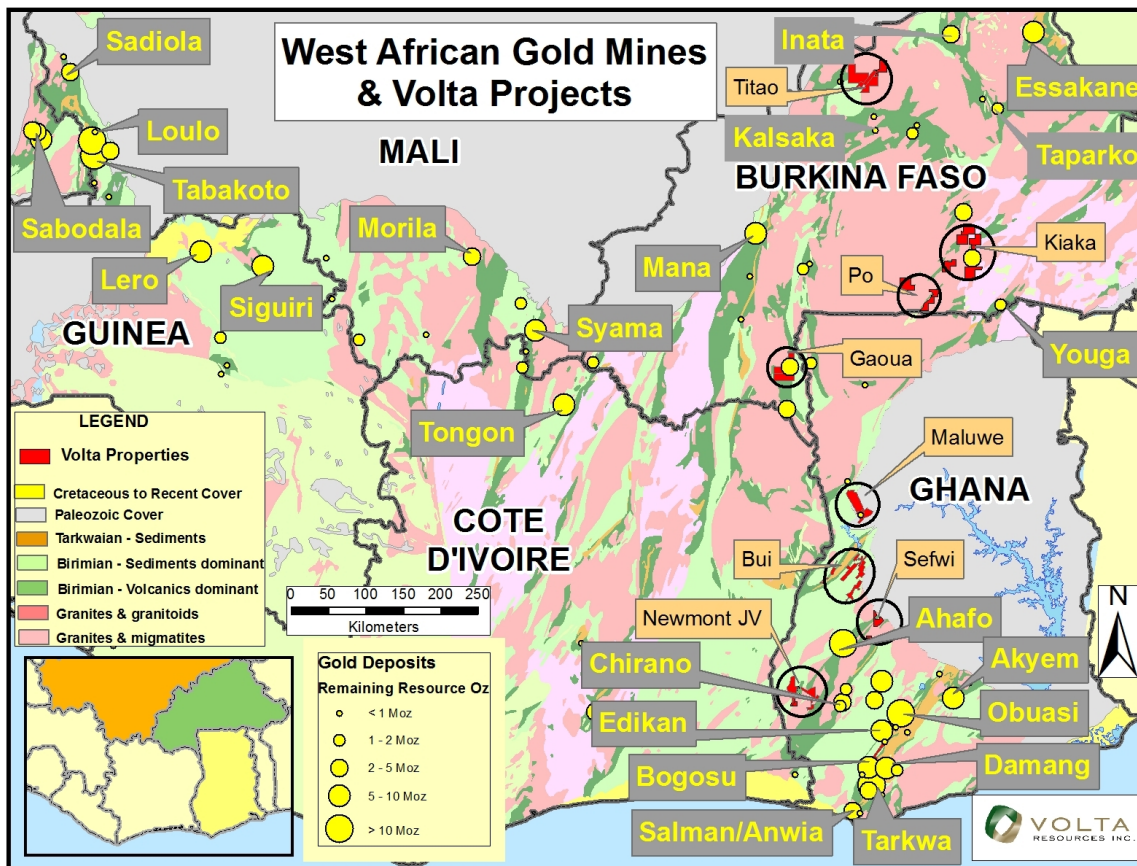
Symbol	VTR - TSX
Shares Outstanding	155,370,363
Options	9,834,367
Shares Fully Diluted	165,204,730
52 week high/low	\$2.13/0.83
Current price	\$1.09
Market Capitalization	~\$170 MM
Cash	~\$ 40 MM



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WEST AFRICA: A major global gold region still in early days



- Stable countries with multi-party democracies
- Hosts numerous world-class gold deposits
- Supportive mining codes and informed regulatory regimes
- Established infrastructure and experienced labour
- Arguably one of the prime global growth areas for gold production



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CORPORATE SNAPSHOT



- \$40 million bought deal financing in July, 2011 at \$1.90 per common share
- Strong institutional holding
- Significant resource upgrade and increase
- Still valued < \$17 per Eq. ounce and < \$26 per oz (Kiaka only)
- New Kiaka resource issued on March 21, 2011
- Pre-Feasibility due by mid April

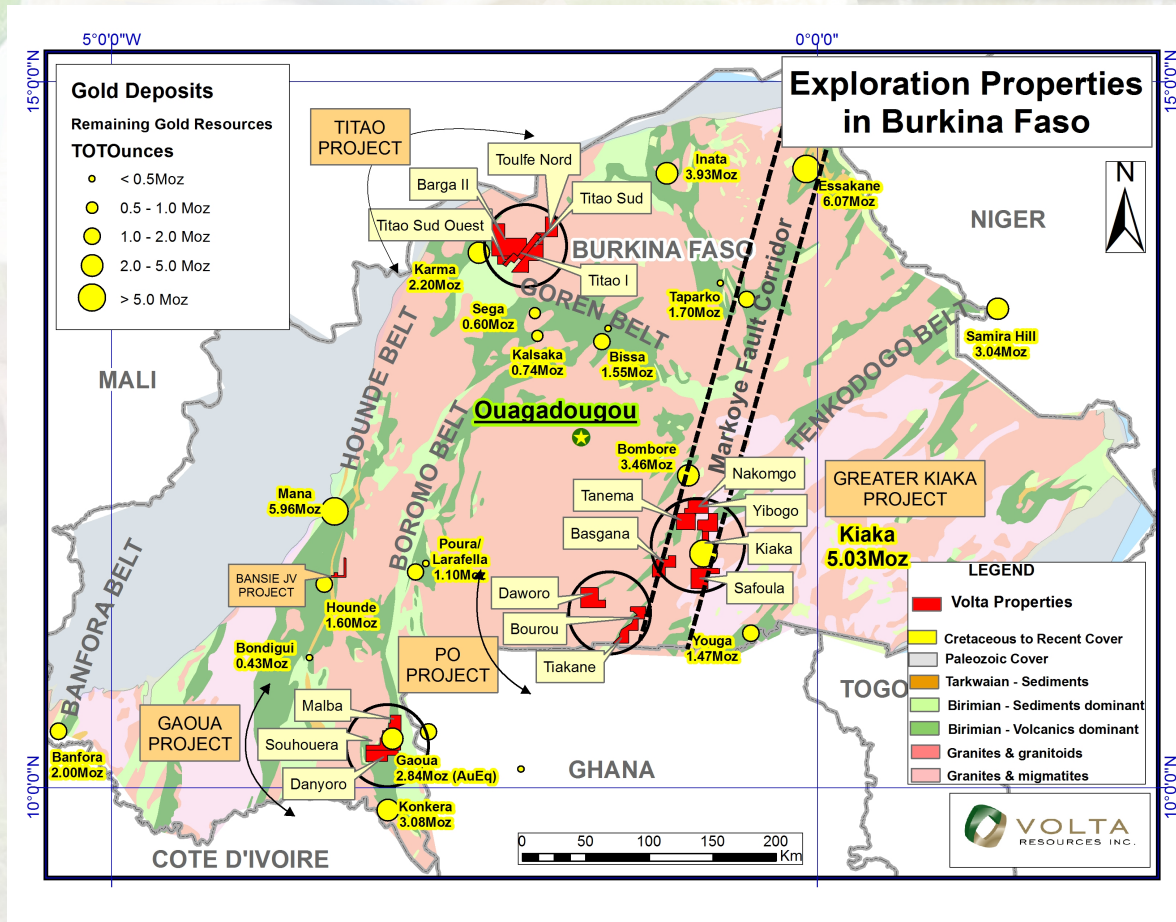


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KIAKA GOLD PROJECT in Burkina Faso

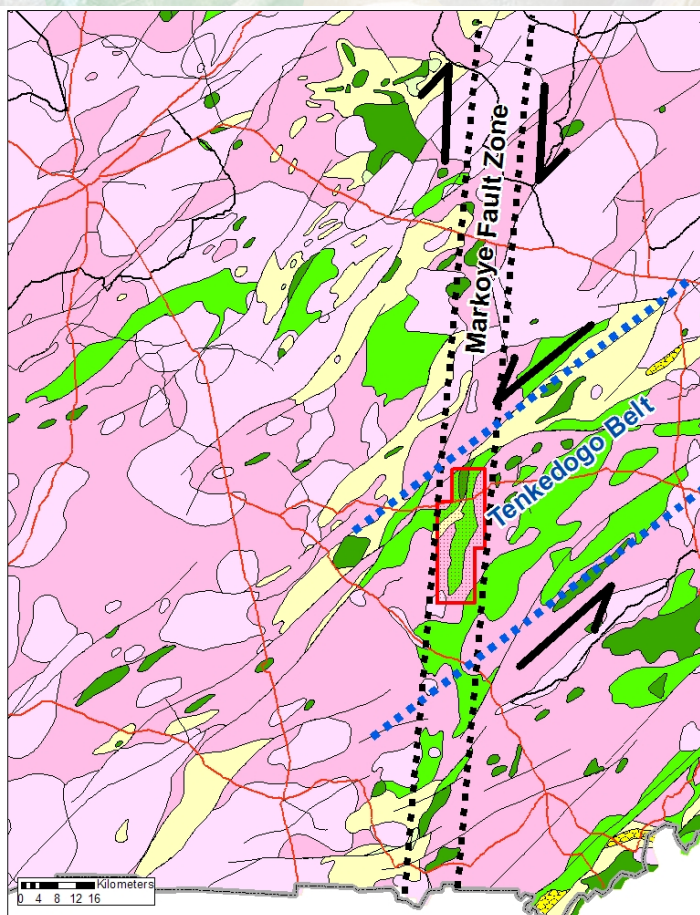




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KIAKA PROJECT: Regional Geology



- On the NE trending Tenkodogo Belt
- Located on a secondary splay off the crustal N trending scale Markoye Fault
- Dextral wrench on the Markoye Fault rotates belt into NS attitude with complementary sinistral NE displacement related to mineralization





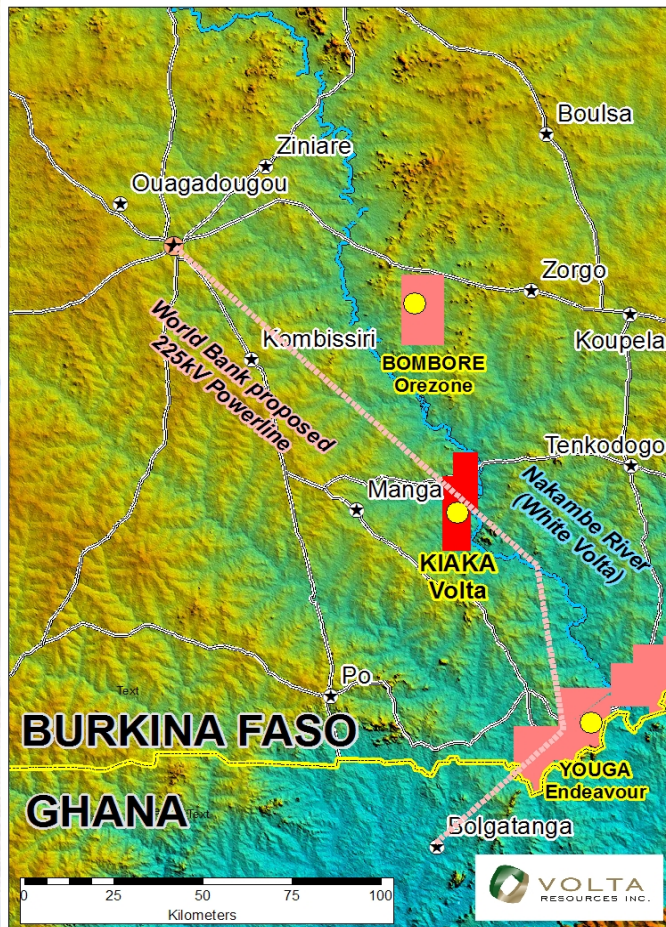
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KIAKA PROJECT:

Well located for mine development



- 140 km SE of Ouagadougou on paved and good quality gravel roads
- Adjacent to the Nakambe River – Water availability all year round
- On path of World Bank proposed 225 kV power line linking Ghana grid to Ouagadougou
- No villages in immediate vicinity of deposit with land use currently subsistence farming
- Environmental scan indicates no “red flags” in terms of flora, fauna or archaeologically sensitive areas
- Environmental & Social Impact Assessment (ESIA) commenced in Q2

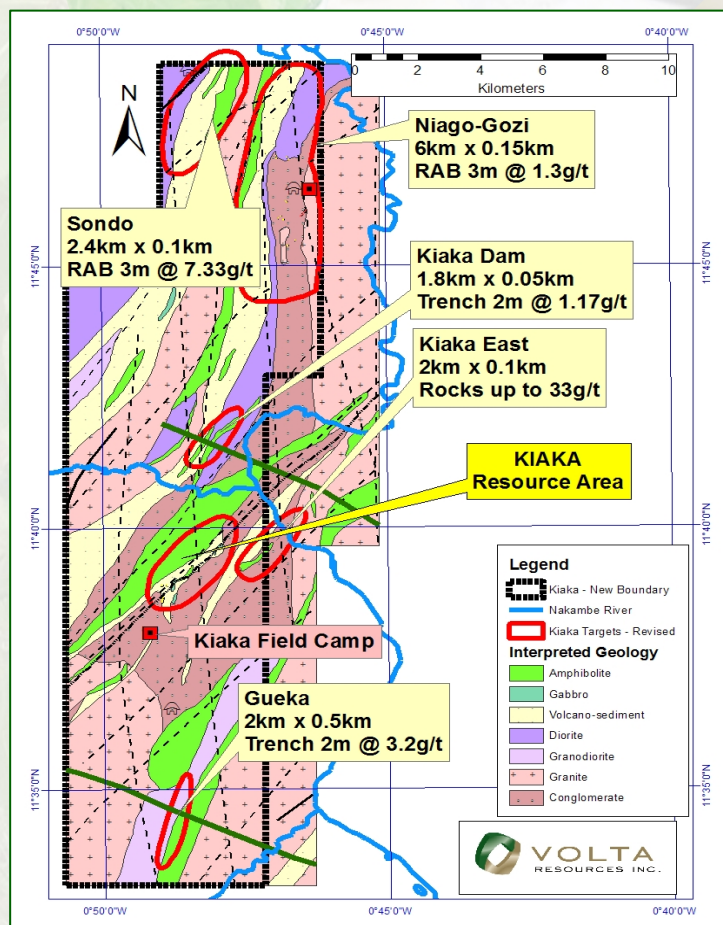


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KIAKA PROJECT: Multiple Targets



- 183.8 km² concession area (*reduced from 244 km²*)
- Randgold spent > US\$6 million since June 2004, undertaking soil geochemistry, ground geophysics and mapping
- **Six (6)** regional targets on highly prospective structures identified – only Kiaka Resource Area drilled so far
- Volta has now increased its land position around Kiaka along the productive Markoye Fault Corridor by **800%** to 1,661km²

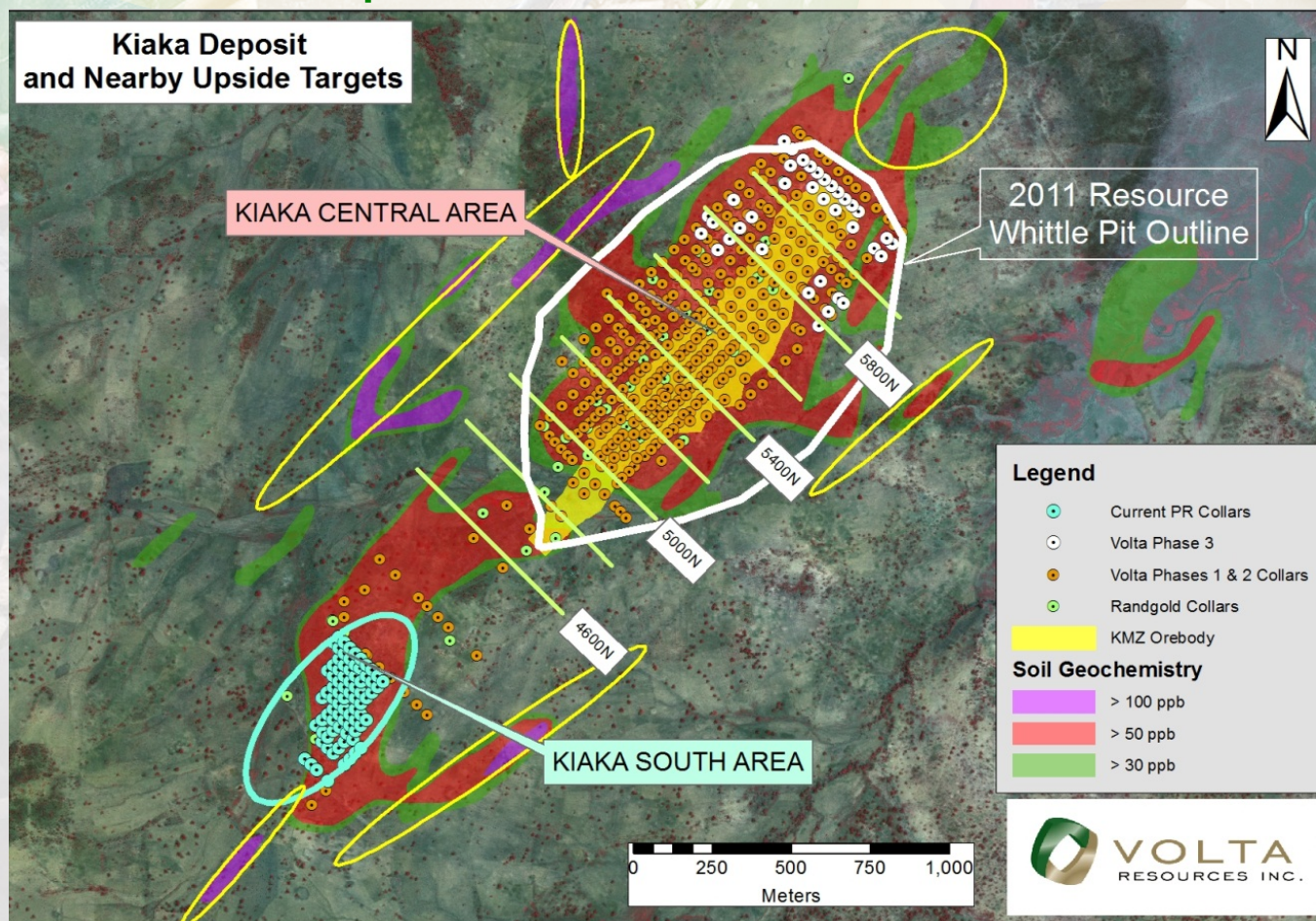


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KIAKA DEPOSIT: Upside Extensions



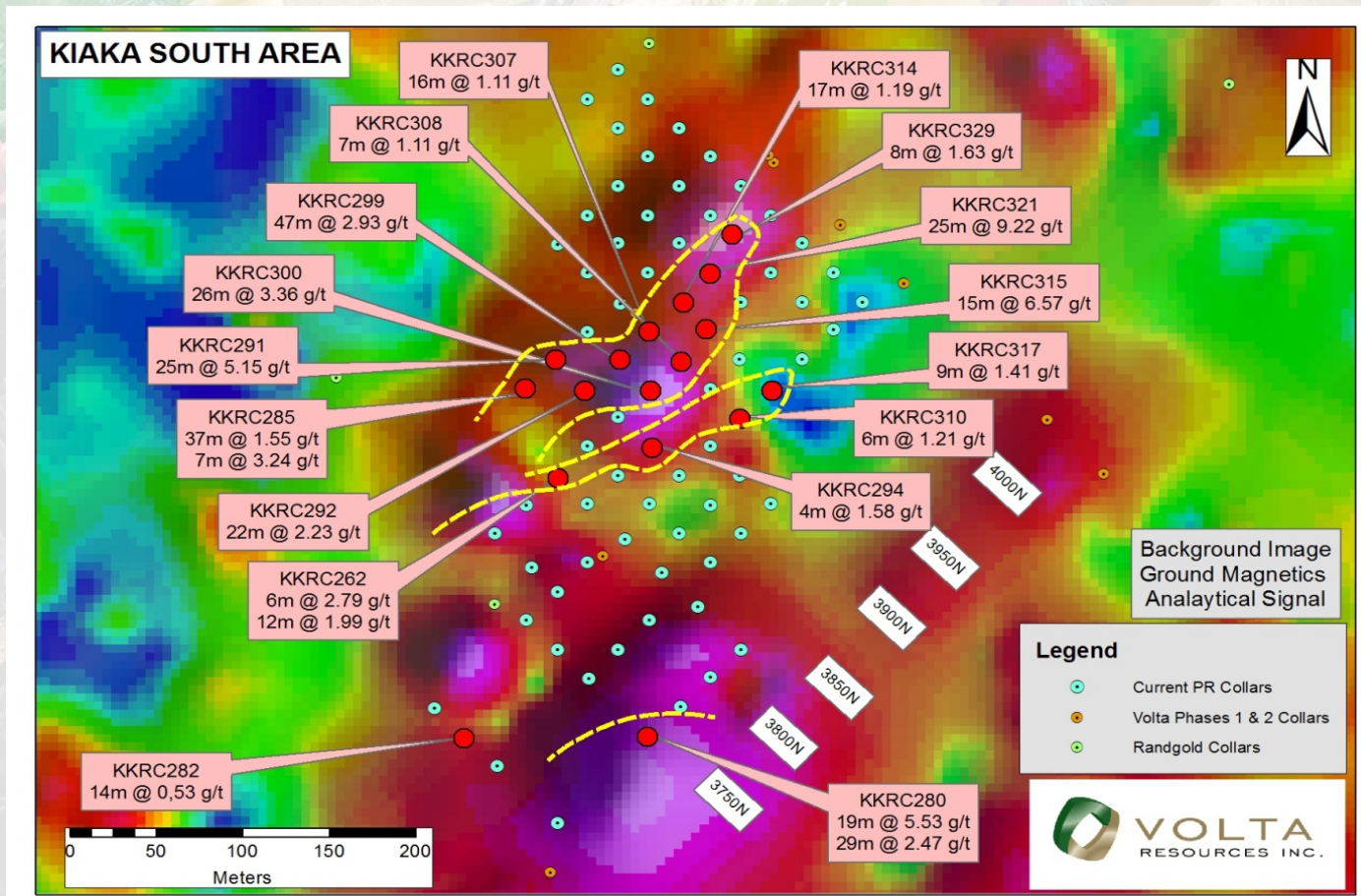


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KIAKA DEPOSIT: South Area Highlights





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KIAKA DEPOSIT: NI 43-101 Resource

SRK Mineral Resource Statement, Kiaka Gold Project 20 March 2012					
Type	Category	Tonnes (Kt)	Au (g/t)	Metal Au (Kg)	Metal Au (Koz)
Mineralised Bands	Measured	17,010	1.39	23,660	761
	Indicated	38,960	1.35	52,570	1,690
	<i>Measured and Indicated</i>	<i>55,970</i>	<i>1.36</i>	<i>76,230</i>	<i>2,451</i>
	Inferred	13,100	1.40	17,800	570
Halo Mineralisation	Measured	14,360	0.81	11,640	374
	Indicated	47,080	0.80	37,460	1,204
	<i>Measured and Indicated</i>	<i>61,440</i>	<i>0.80</i>	<i>49,100</i>	<i>1,578</i>
	Inferred	16,900	0.80	13,500	430
Combined Total	Measured	31,370	1.13	35,300	1,135
	Indicated	86,050	1.05	90,000	2,894
	<i>Measured and Indicated</i>	<i>117,420</i>	<i>1.07</i>	<i>125,300</i>	<i>4,029</i>
	Inferred	30,000	1.00	31,200	1,000

Notes

Mineralised Bands based on a cut-off grade of 1 Au (g/t) within mineralised wireframe

Halo Mineralisation based on a cut-off grade of 0.6 Au (g/t) within mineralised wireframe

All figures are rounded to reflect the relative accuracy of the estimate and the assigned categories



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KIAKA MINERAL RESOURCE:

Tonnage & Grade at incremental cut-off grades

Grade - Tonnage Table, Kiaka Deposit 20 March 2012									
Cut-off g/t	Measured & Indicated					Inferred			
	Tonnes Kt	Au Grade g/t	Metal Au Kg	Metal Au (Koz)		Tonnes Kt	Au Grade g/t	Metal Au Kg	Metal Au (Koz)
1.40	17,780	1.78	31,630	1,020		4,200	1.80	7,600	240
1.20	32,170	1.56	50,190	1,610		7,200	1.60	11,400	370
1.00	55,970	1.36	76,240	2,450		13,100	1.40	17,800	570
0.90	70,720	1.28	90,240	2,900		17,100	1.30	21,600	700
0.80	86,360	1.20	103,530	3,330		21,300	1.20	25,200	810
0.70	102,380	1.13	115,540	3,710		25,700	1.10	28,400	910
0.60	117,420	1.07	125,340	4,030		30,000	1.00	31,200	1,000
0.50	128,250	1.02	131,330	4,220		33,400	1.00	33,200	1,070
0.40	134,220	1.00	134,050	4,310		35,500	1.00	34,100	1,100
0.20	137,480	0.98	135,150	4,350		37,300	0.90	34,700	1,120
0.00	182,750	0.74	135,610	4,360		124,500	0.30	35,600	1,140

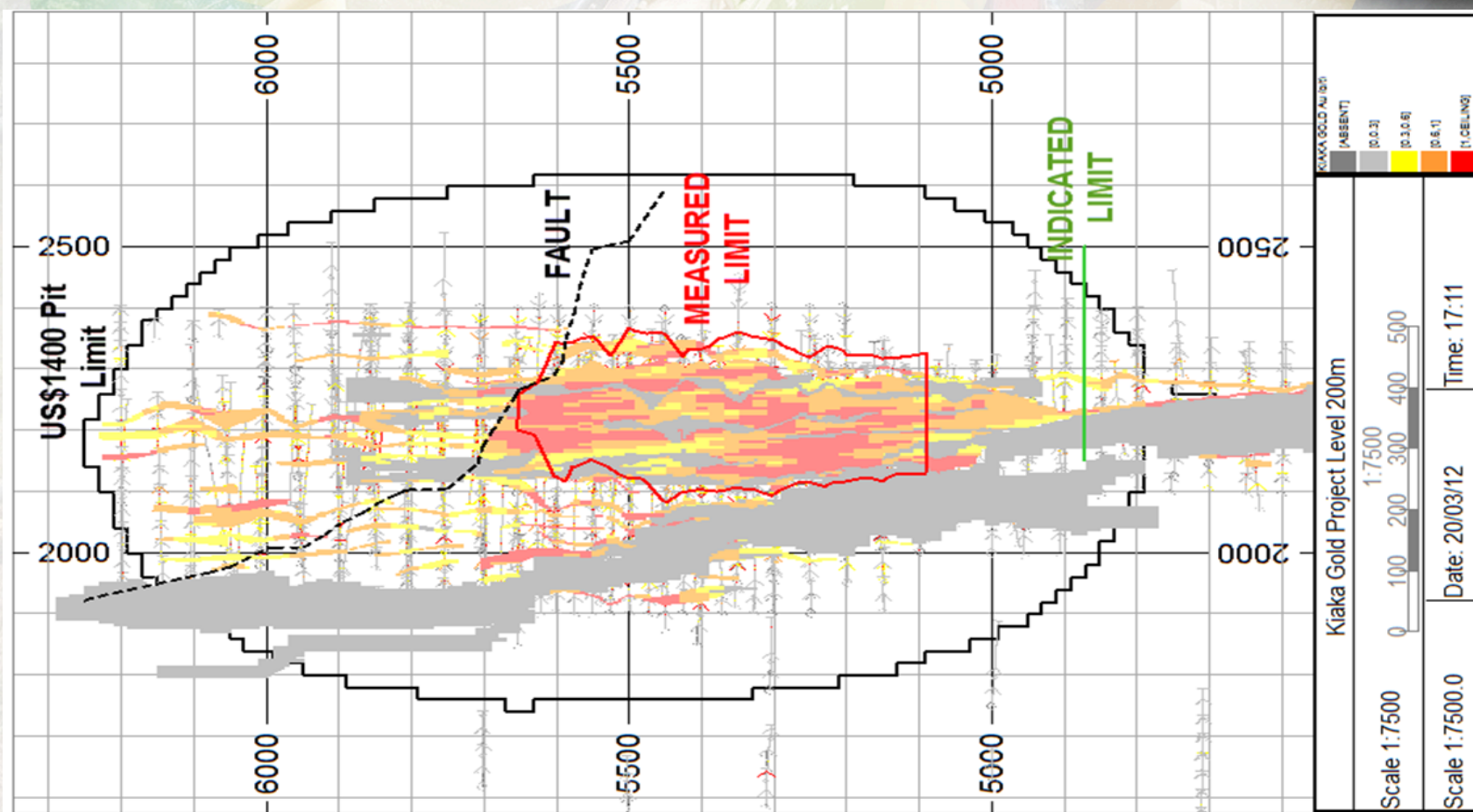


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KMZ: Whittle Pit & Resource Outline



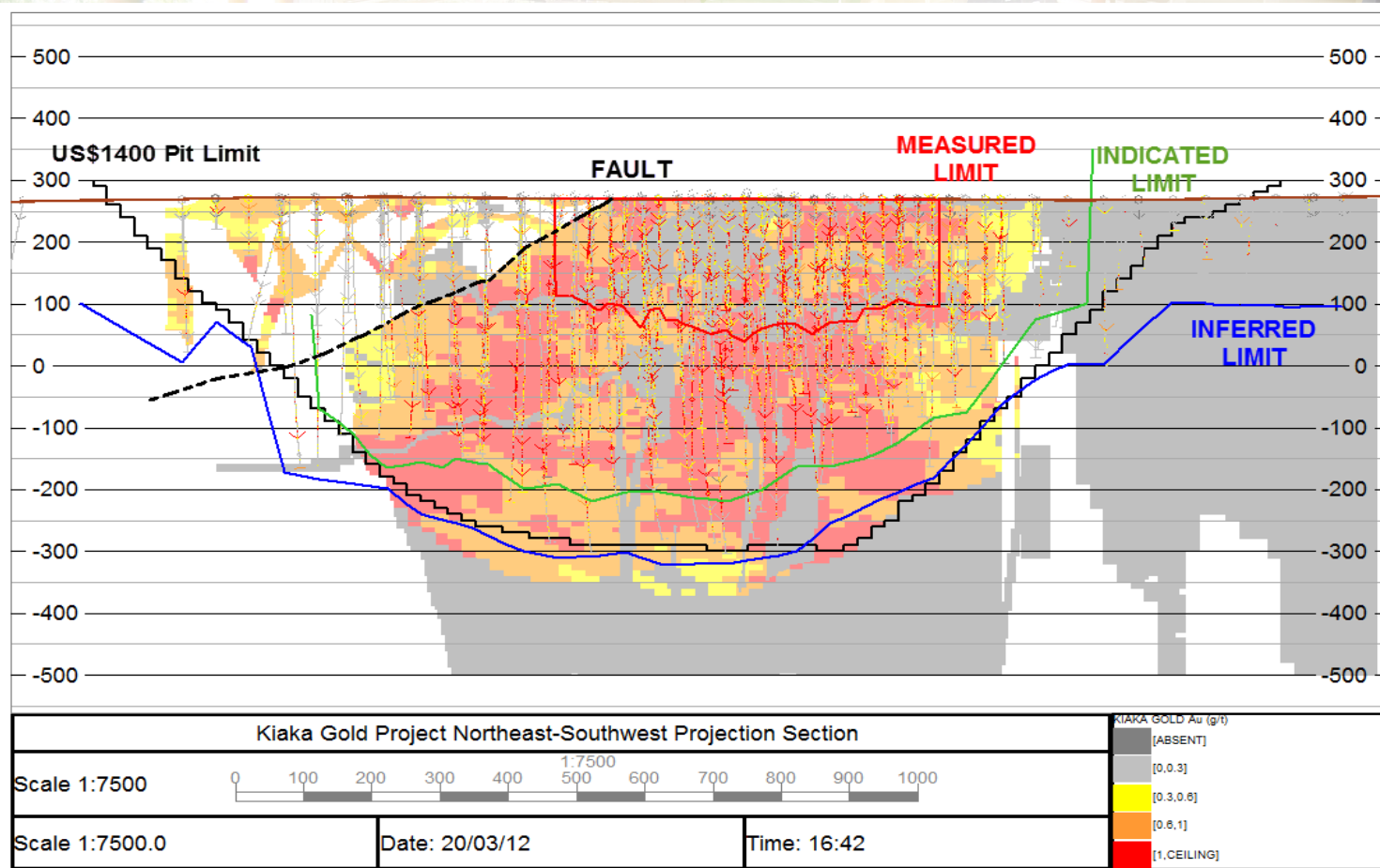


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KMZ: Resources Plus Upside (Looking SE)



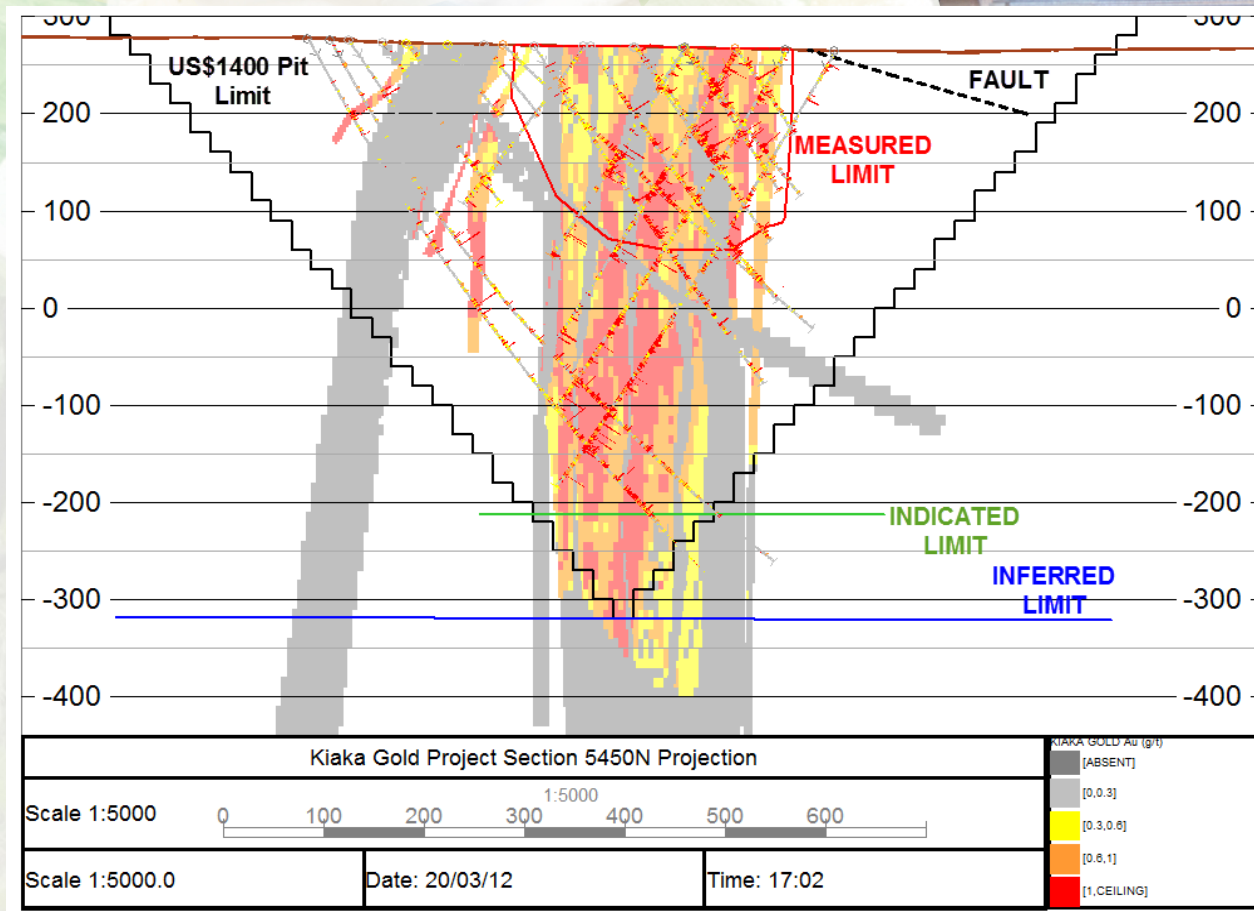


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KIAKA: Section 5450 (Looking NE)





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KIAKA: Metallurgical Test Work Summary

PROCESS	AVERAGE RECOVERY %		
	RANDGOLD COMPOSITE SAMPLE ~1.0 G/T	VOLTA MINERALISED BANDS ~1.8 G/T	VOLTA MINERALIZATION ~0.7 G/T
GRAVITY & CIL	-	97%	93%
GRAVITY ONLY	-	40%	54%
SIMULATED HEAP LEACH	-	67%	57%
60 DAY COLUMN LEACH	-	51%	56%
CIL (BOTTLE ROLL)	92%	-	-
GRAVITY ONLY	50%	-	-
SIMULATED HEAP LEACH	59%	-	-
60 DAY COLUMN LEACH	62%	-	-

Bond Rod Mill Index - 13.90 kWh/tonne
Bond Ball Mill Index - 11.90 kWh/tonne
Bond Abrasion Index - 0.42 g (Life Factor = 1.18)



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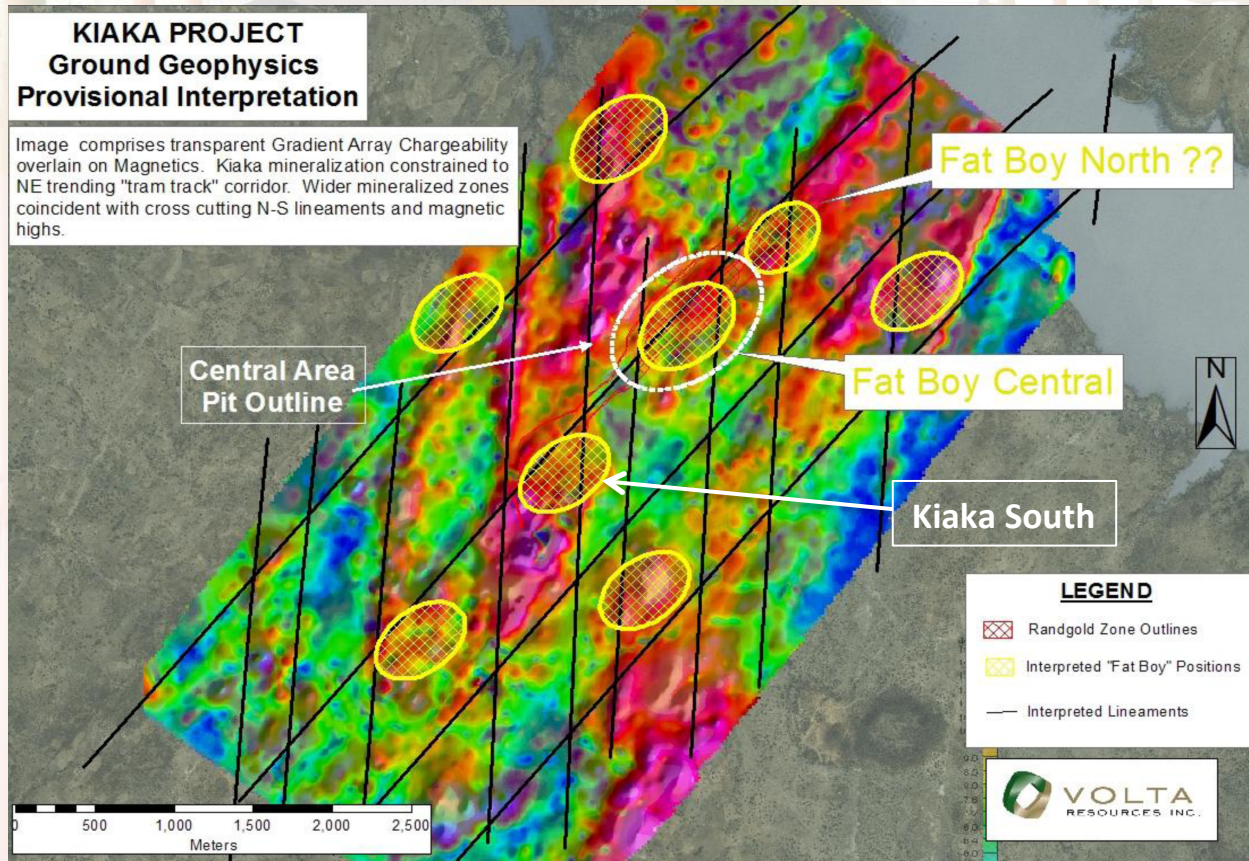
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KIAKA PROJECT: Ground Geophysics Provisional Interpretation

KIAKA PROJECT Ground Geophysics Provisional Interpretation

Image comprises transparent Gradient Array Chargeability overlain on Magnetics. Kiaka mineralization constrained to NE trending "tram track" corridor. Wider mineralized zones coincident with cross cutting N-S lineaments and magnetic highs.



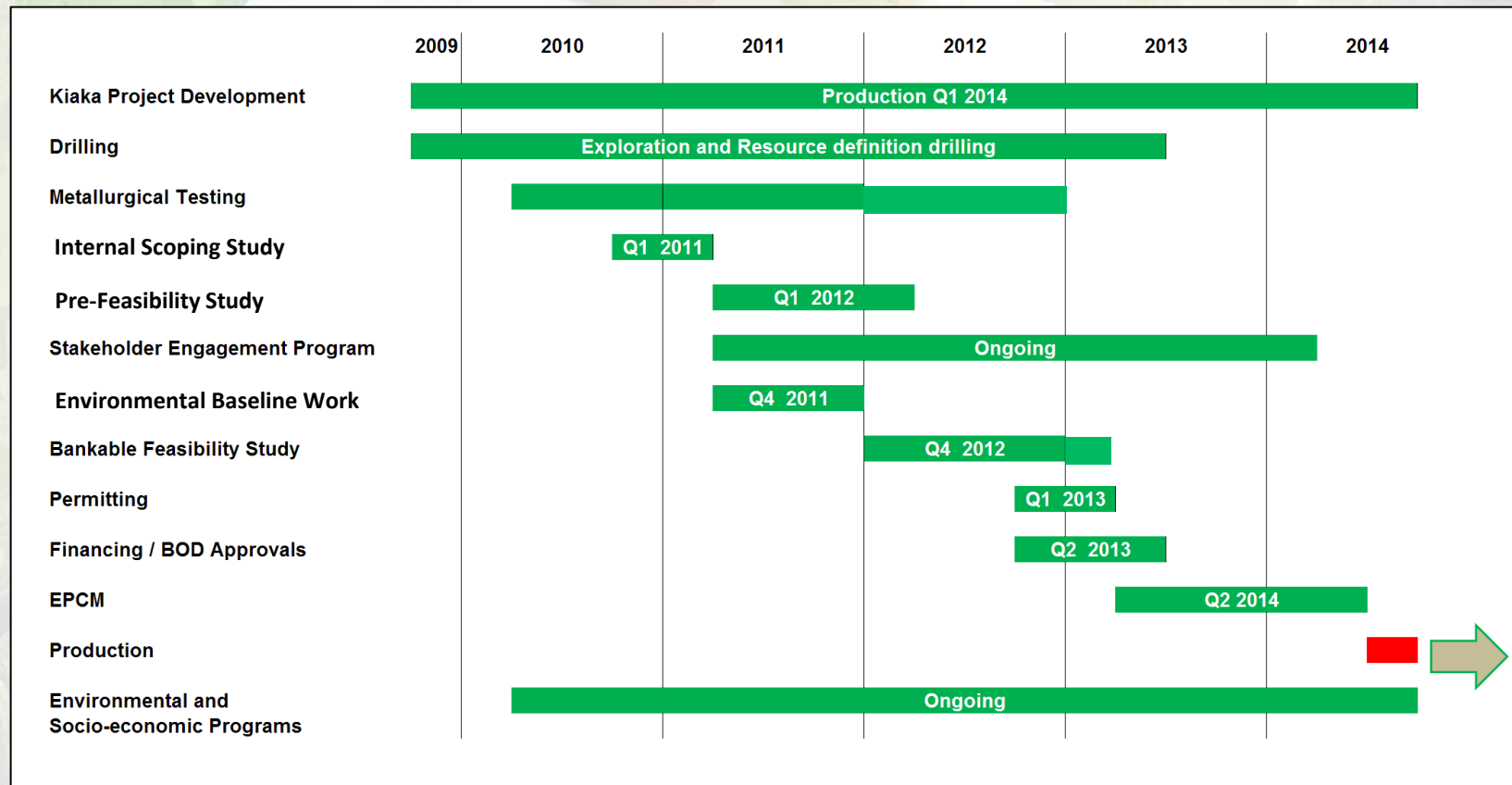


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KIAKA PROJECT: Proposed Development Schedule

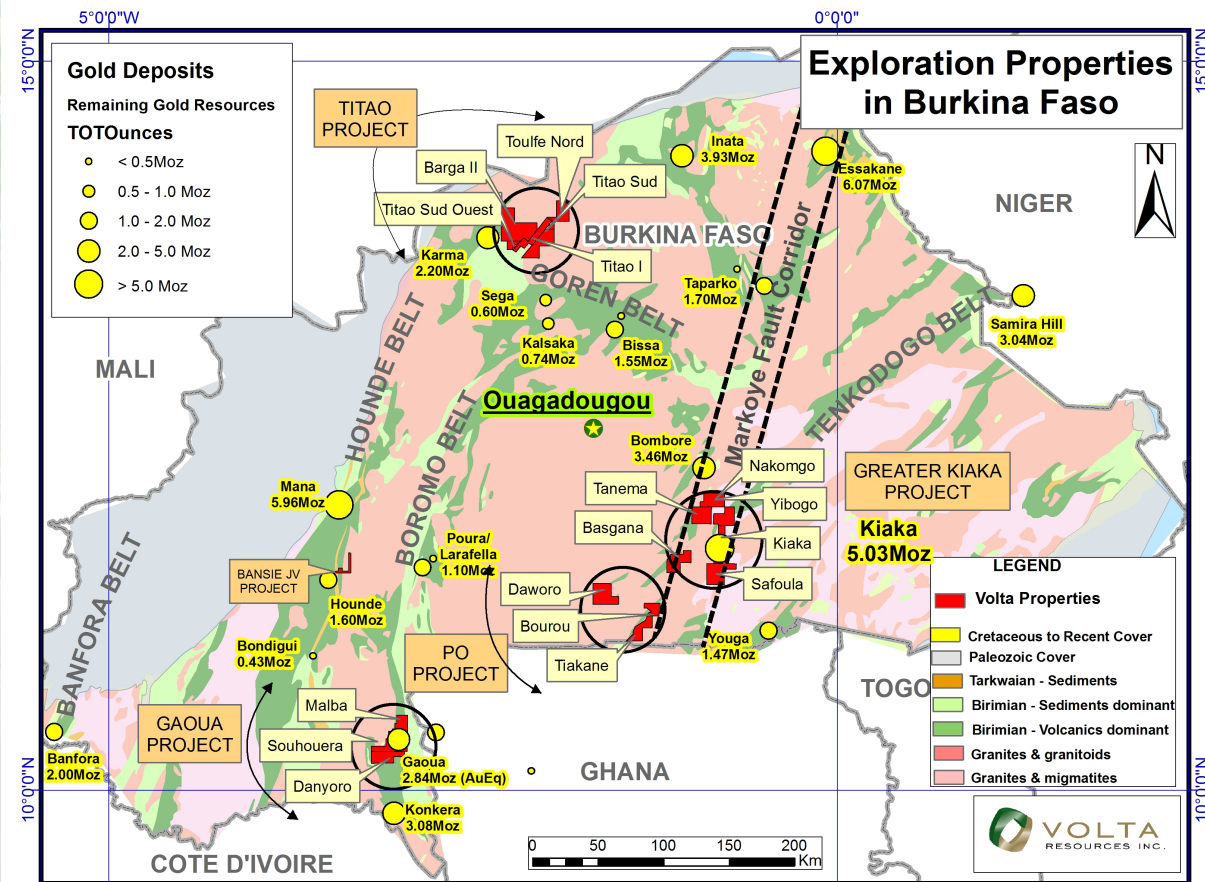




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GAOUA CU-AU PROJECT in Burkina Faso



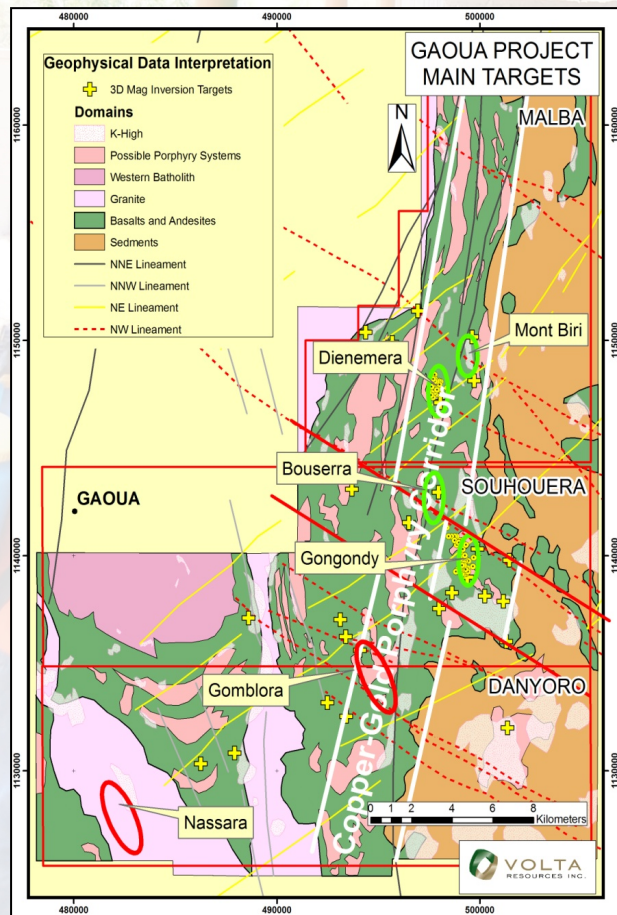


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GAOUA COPPER: Gold Project



- Large land area with 3 contiguous concessions
- 692.5 km², with over 35km of strike of mineralized corridor
- Three known porphyry deposits to date, fourth prospect (*Boussera discovered by recent auger drilling*)
- Volta completed a 43-101 resource calculation on Gongondy and Dienemera in the inferred category at a 0.45% CuEQ cut-off (\$3,000/t Cu, \$750/oz gold)
- Volta has commenced drilling at Gaoua Cu-Au porphyry in order to carry out new resource calculation in H2

DEPOSIT	TONNES	CU	COPPER	AU	GOLD	CuEQ	CuEQ
	Mt	%	x 1000 lbs	g/t	Oz	%	x1000 lbs
DIENEMERA	23.00	0.5	255,075	0.21	155,300	0.63	319,009
GONGONDY	59.60	0.36	469,805	0.48	917,600	0.65	847,236
TOTAL	82.60	0.40	724,880	0.40	1,072,900	0.64	1,166,245

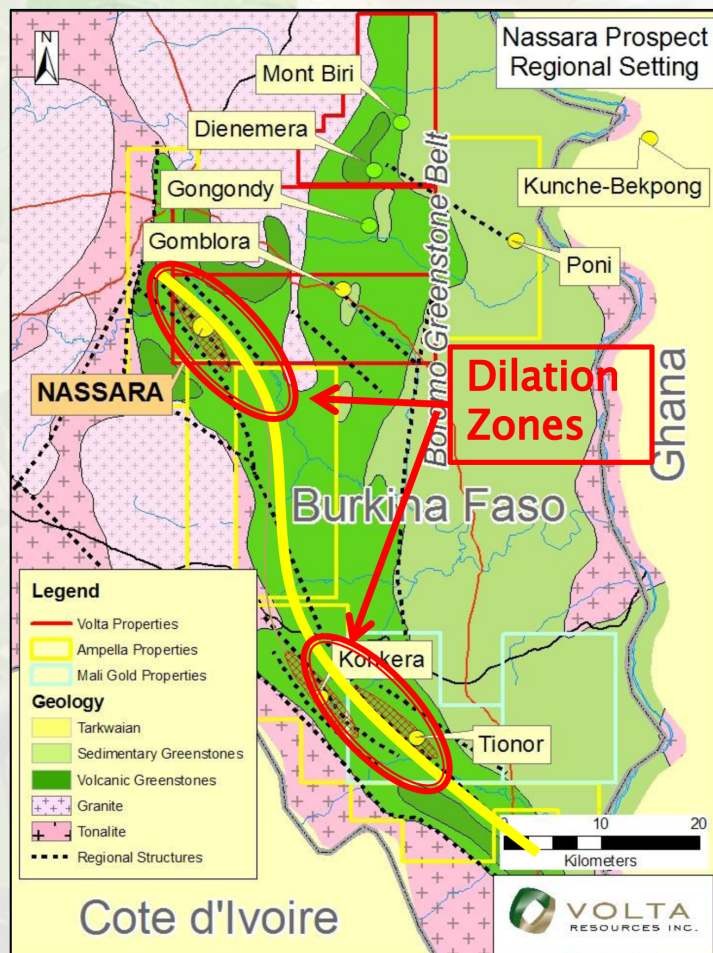


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NASSARA: A New Gold Discovery



- Southern Boromo Belt shaping up as potentially significant new Birimian gold camp
- Significant exploration success by Ampella Mining's (ASX:AMX) at Konkera on the Batie West project
- AMX maiden Inferred Resource at Konkera stands at 3,100,000 ounces of gold at 1.60g/t Au
- Major artisanal gold rush (+ 10,000) at the Tionor prospect Ampella's Dioulouma project
- Volta's Nassara and Gomblora prospects are one extensions and similar parallel structures

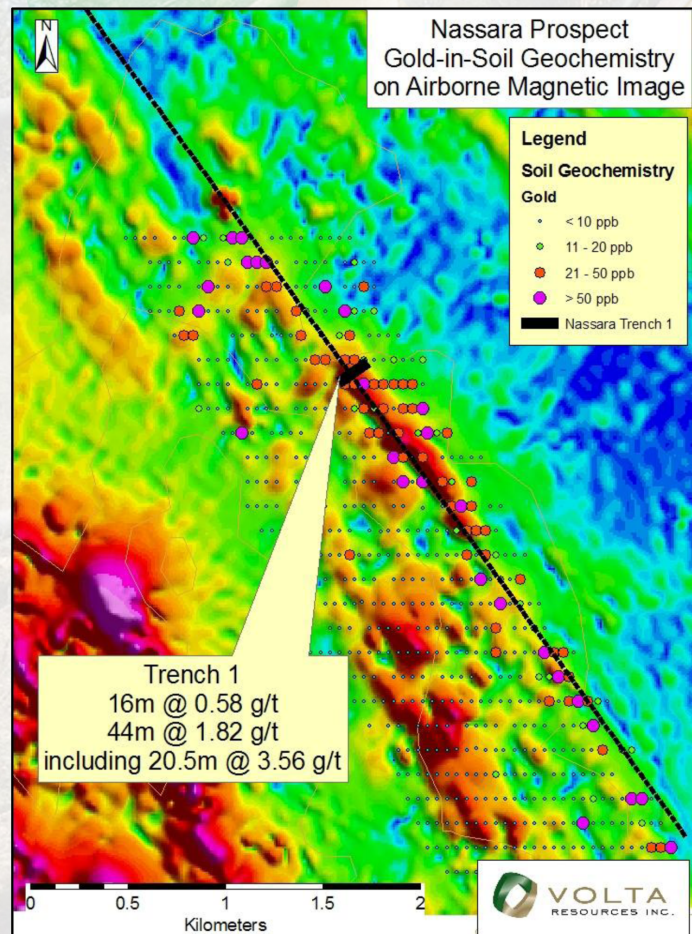


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NASSARA: Trenching & Initial Drilling



- New 4 kilometre long gold in soil anomaly
- Trenching carried out extending mineralization for a strike of 2.7 kilometres
- Geochemical soil sampling and auger drilling to cover full 10km strike extent indicated by magnetic lineament
- Over 30 RC drill holes completed – highlights of 15m @ 4.45 g/t and 25m @ 1.95 g/t.
- Three (3) shallow plunging shoots identified
- Parallel zones now being identified with geochemistry
- **15,000m drill program commenced in June 2010, ½ complete. Drilling to resume in April 2012**

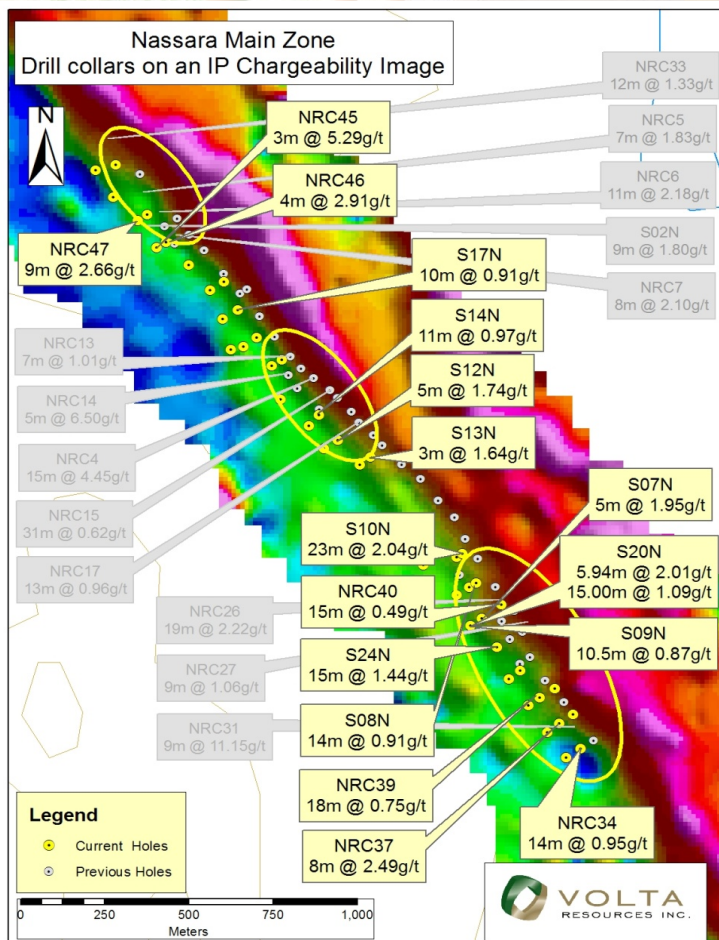


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NASSARA: 16,500m Drill Program – New Gold Discoveries



- Over 70 drill holes (mainly RC) completed.

Highlights of;

- 15m @ 4.45 g/t
- 25m @ 1.95 g/t
- 23m @ 2.04 g/t
- 19m @ 2.22 g/t
- 9m @ 11.15 g/t
- 9m @ 2.66 g/t
- 8m @ 2.49 g/t
- 5m @ 6.50 g/t
- Three (3) shallow plunging shoots identified
- Parallel zones have been identified with geochemistry
- Nassara SW drilling discovery 1.5km to the SW of Nassara Main Zone
- Program to continue in April 2012

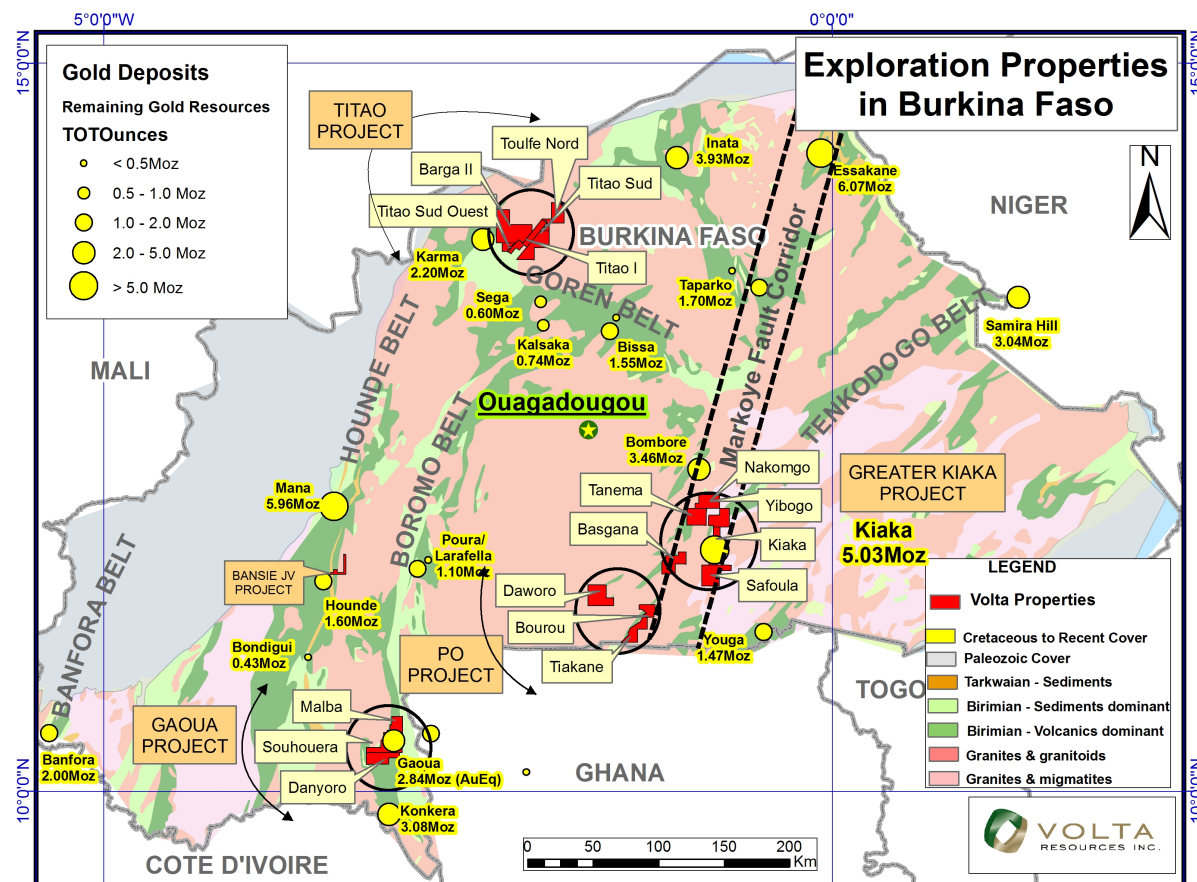


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TITAO GOLD PROJECT

in Burkina Faso

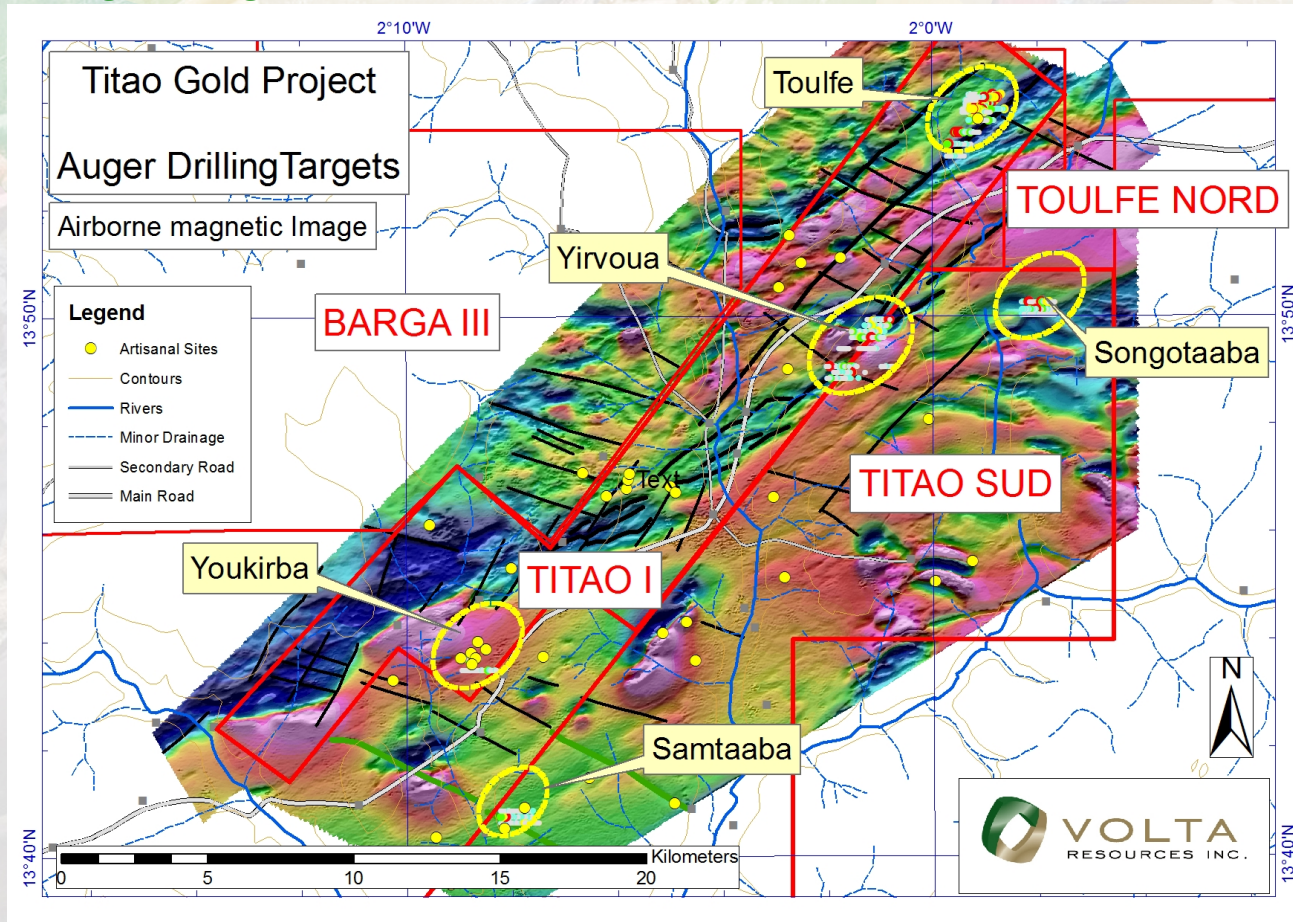




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TITAO: Auger Targets



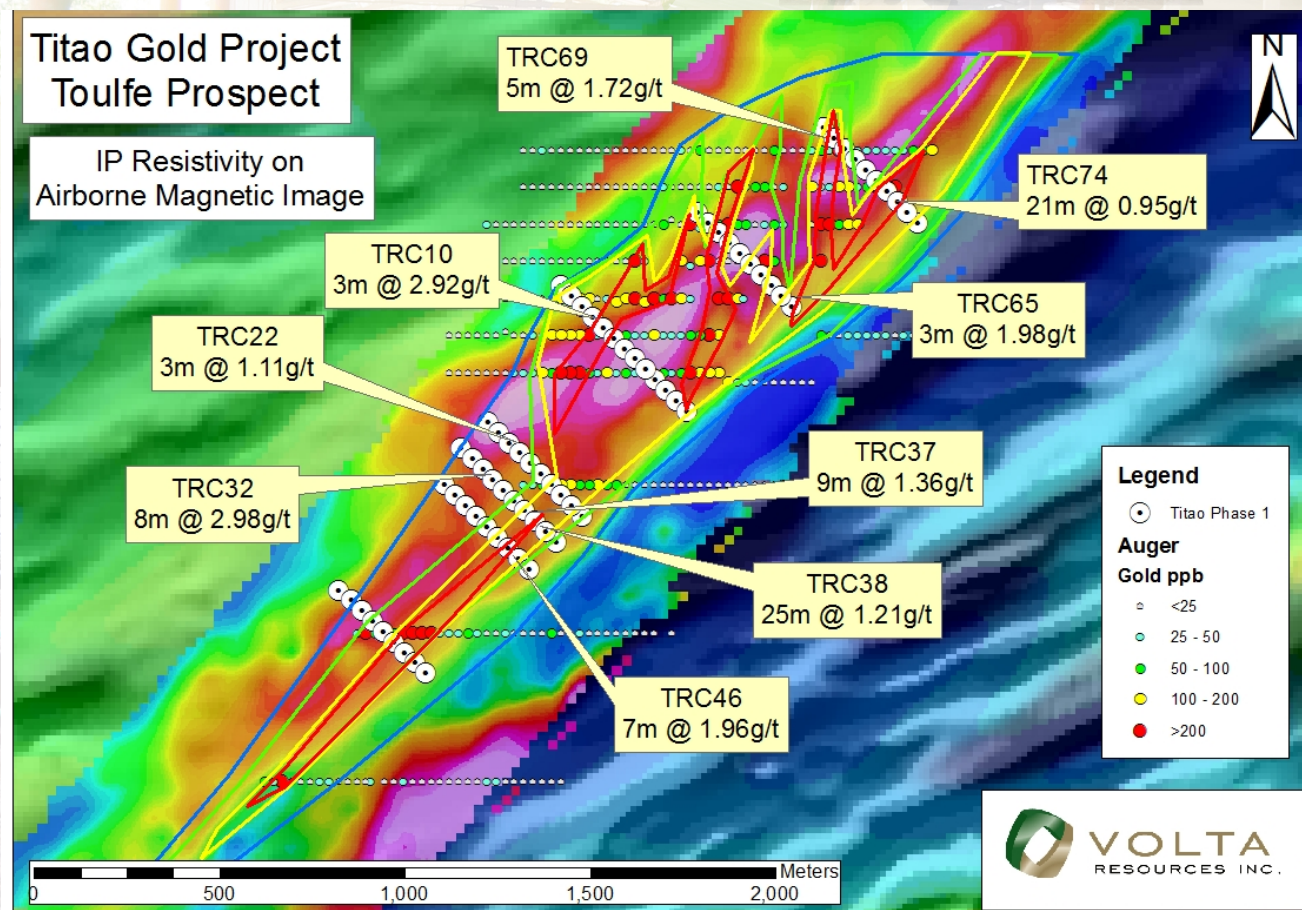


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TITAO: Toulfe Prospect



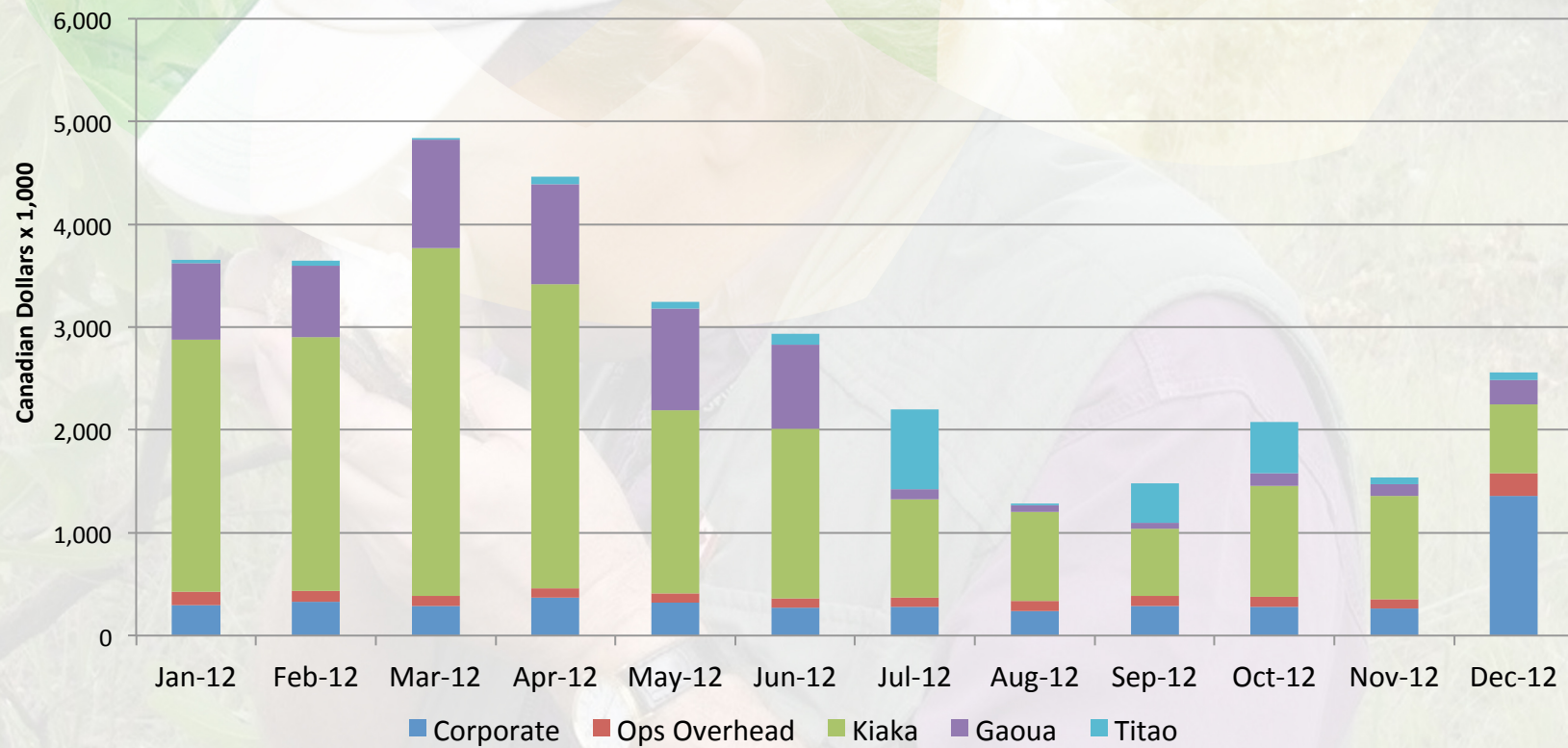


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VOLTA: 2012 Planned Expenditures (\$33,933,000)



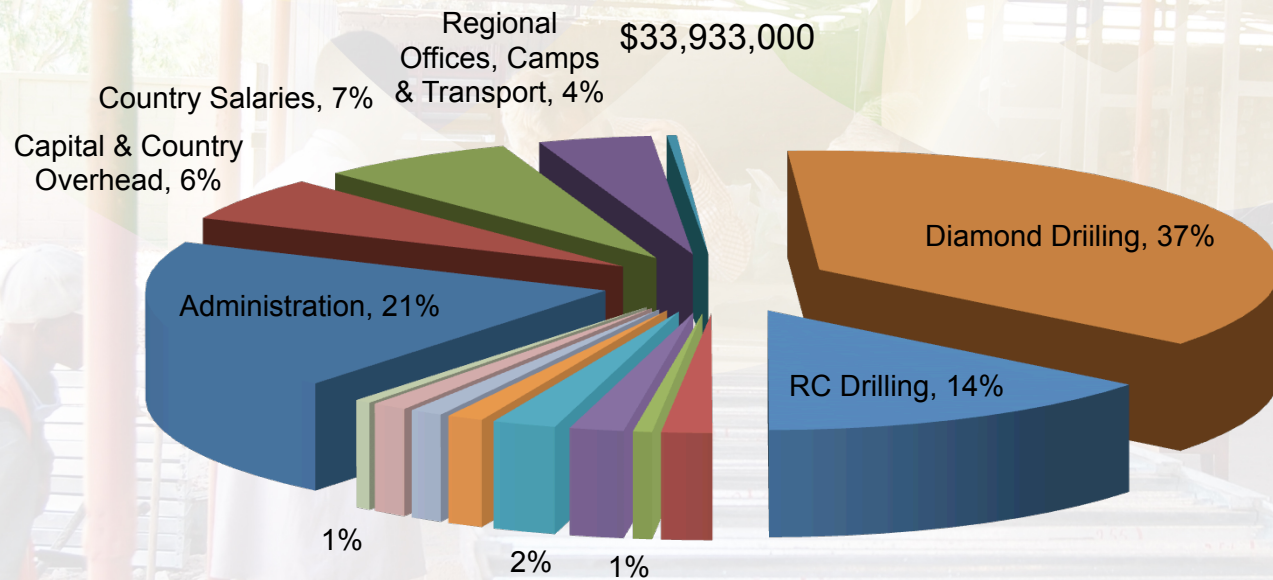


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VOLTA: 2012 Budget Categories



■ Administration	■ Capital & Country Overhead	■ Country Salaries
■ Regional Offices, Camps & Transport	■ Tenements	■ Diamond Drilling
■ RC Drilling	■ Auger Drilling	■ Rab & Aircore Drilling
■ Geology & Geophysics	■ Geochemistry and Trenchin/pitting	■ Metallurgy
■ Environmental	■ Resource Estimation	■ Legal



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What to look for:

- **Kiaka - Drill, Drill, Drill....!**
 - 105,000 metre program approved for 2012
- Continue to grow existing resource at Kiaka
- Phase 2 drilling (follow up on high grade) at Kiaka South Area
- Complete Pre-Feasibility Study at Kiaka (Results by early Q2, 2012) and commence Feasibility Study
- Drill Kiaka South on strike and at depth
- Regional exploration at Kiaka (Niago-Gozi)
- Grow existing Cu-Au resource at Gaoua through drilling
- Complete Phase 2 drilling at Nassara
- Drill Phase 2 program at large Toulfe mineralization at Titao
- Continue to rationalize current property portfolio