



**HELIO RESOURCE CORP.**

# GOLD IN TANZANIA AND NAMIBIA

EXPLORATION  
DISCOVERY  
RESOURCE GROWTH



PRECIOUS METALS SUMMIT  
SEPTEMBER 2011

# DISCLAIMER



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All technical information contained within this presentation has been reviewed and approved for disclosure by Mr. C. MacKenzie, M.Sc., C.Geol, Helio's COO and Qualified Person as designated by NI 43-101

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# CORPORATE INFORMATION



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• Listing	TSX.V:HRC
• Issued & Outstanding	104,977,959
• Management & Insiders	~9.4% of I&O
• Institutional Holdings	~55% of I&O
• Warrants	20,822,500 @ \$0.40-0.81 ~ \$12M to Treasury 5,750,000 @ \$0.81 (Feb 4, 2013) 13,357,500 @ \$0.50 (Feb. 15, 2013) 1,715,000 @ \$0.40 (Feb. 15, 2013)
• Stock Options	6,260,000
• Fully Diluted	132,060,459
• Cash at June 1, 2011	\$6,200,000 no debt

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# BOARD AND MANAGEMENT



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## MANAGEMENT / DIRECTORS / FOUNDERS

Richard Williams      CEO

Chris MacKenzie      COO

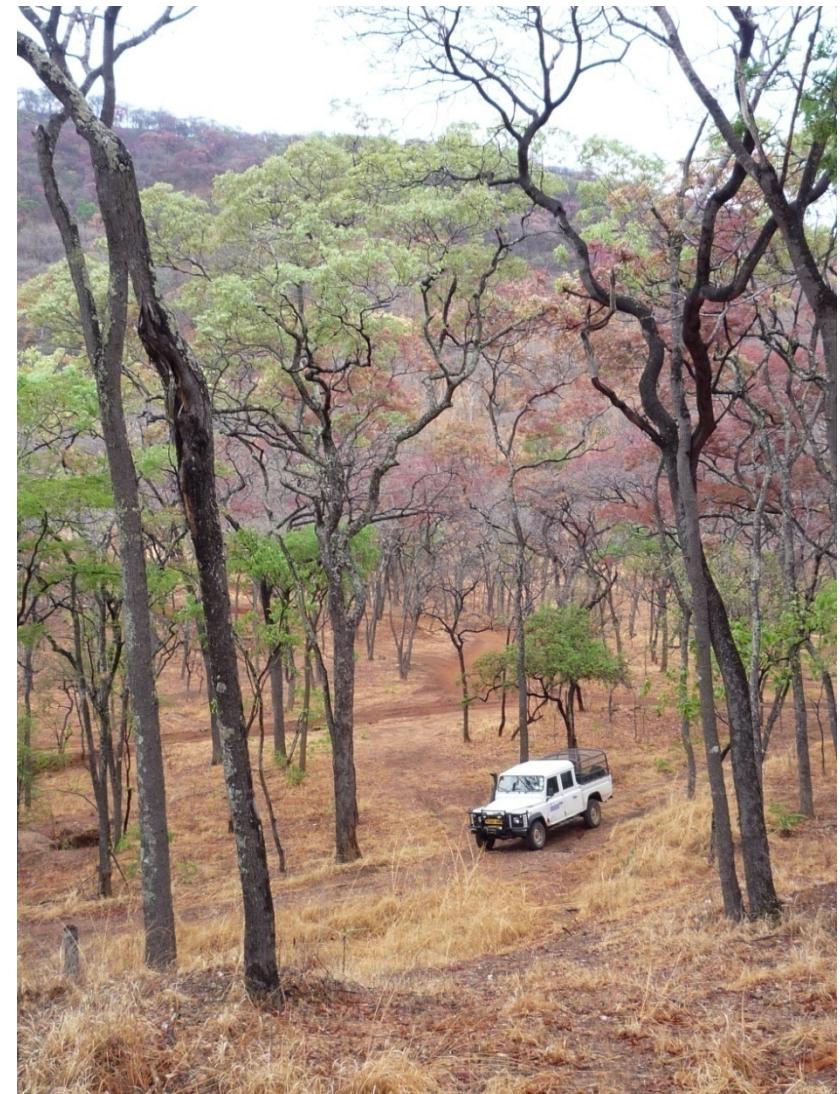
## BOARD OF DIRECTORS

Gren Thomas      (Chairman)  
Founder of Aber Resources,  
Chairman of Strongbow

Cliff Davis      CEO of Nevsun Resources

Stephen Leahy      Chairman and CEO of North  
American Tungsten Corp.

Colin Jones      Independent Director



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## TANZANIA – SMP Gold Project

- Continue to grow resource base
- Demonstrate potential for 3Moz + resource
- Conduct PEA H1 2012

## NAMIBIA – Damara Gold Project

- Demonstrate potential for Navachab style gold deposit
- Outline resource potential



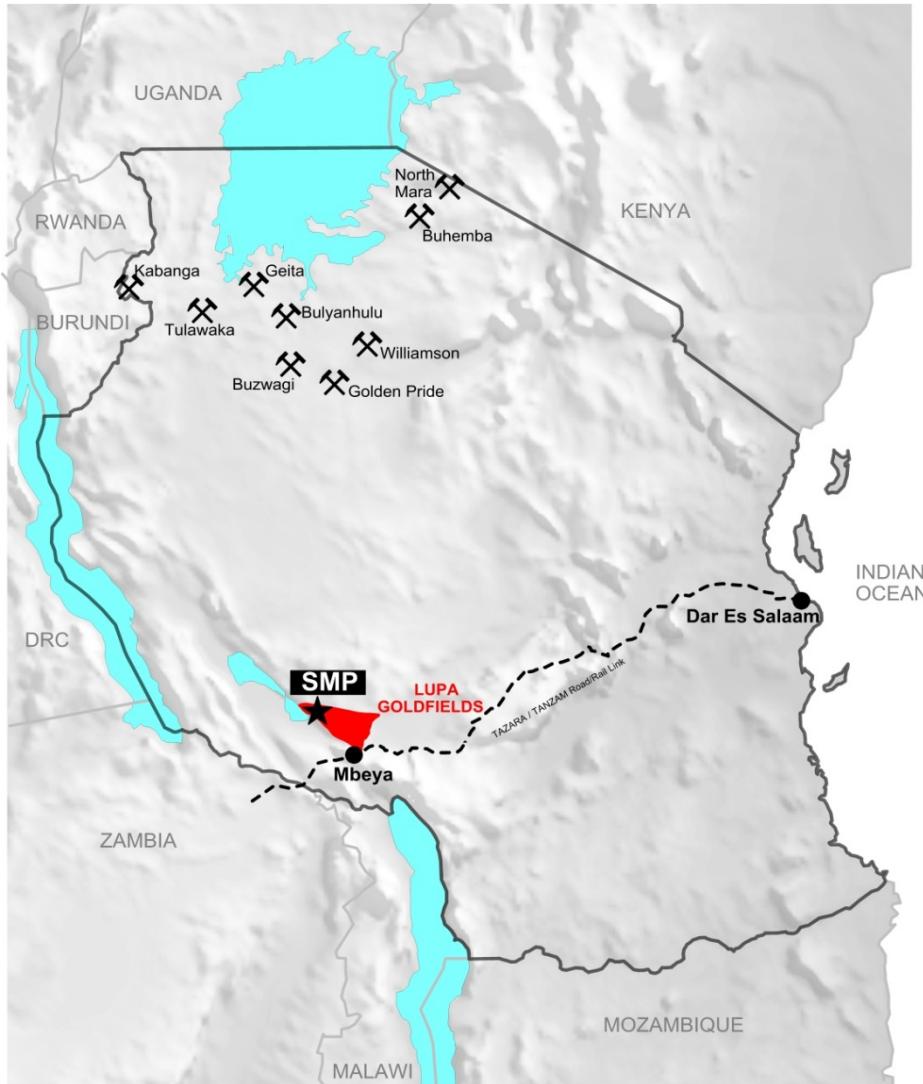


## SMP Gold Project – Tanzania (>3Moz potential)

- 940,000 ounce Measured + Indicated + Inferred Resource from two target areas
- 30 targets identified – strong potential to significantly increase resource through 2011
- 20,000m drill programme underway

## Damara Gold Project – Namibia (next to 6Moz+ gold mine)

- 4 licences, 3,185km<sup>2</sup>, 25km east of Anglo Gold Ashanti's Navachab gold mine (~1.5Moz produced, 5.1 Moz resource, potential to grow significantly).
- Same geology as Navachab
- Outcropping mineralisation (5m at 11.3g/t Au) never drilled
- Drilled mineralisation never followed up (4m at 8.6g/t Au, 17m at 2.6g/t Au)
- Initial 10,000m drill programme underway
- **First 2011 drill hole intersected 50m @ 2.1g/t Au, 0.8% Cu, 14g/t Ag**

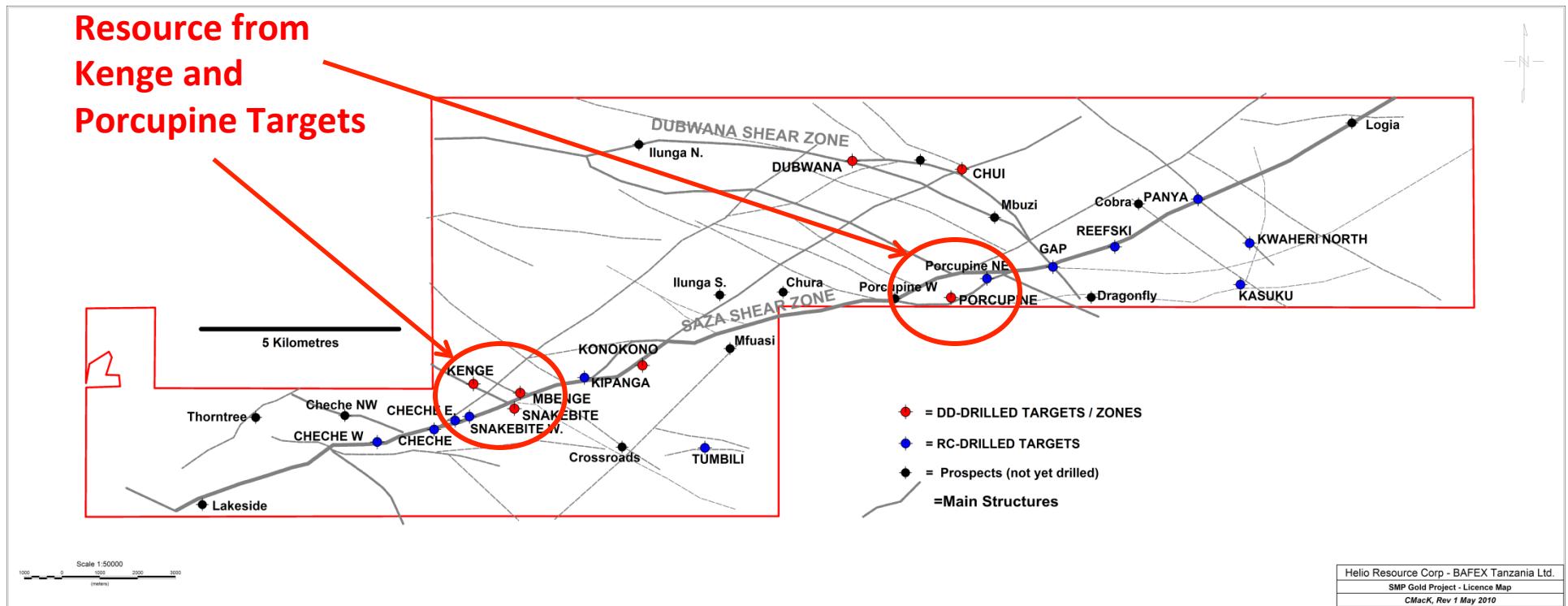


## SMP Gold Project

- Past mining district
- Excellent infrastructure
- Close to water source
- Road accessible
- Large land package
- Power into property
- No population pressure
- Year-round exploration



- Owned 100%, subject to royalty
- 940,000 oz resource from 2 of 30 targets
- 238km<sup>2</sup>, 35km section of the Saza Shear Zone
- Past production - 270,000oz at 7.5g/t Au (1939 – 1956)
- Open pittable, intrusive-hosted gold mineralisation
- Free gold occurs in mineralised zones up to 90m+ wide
- All 30 targets outcrop at surface
- 95% recoveries from metallurgical testwork
- Mineralisation dated at 1.93Ga – same as West Africa
- Excellent potential for significantly larger resource



- Numerous Au occurrences and soil anomalies
- Widespread historical and current artisanal mining activity

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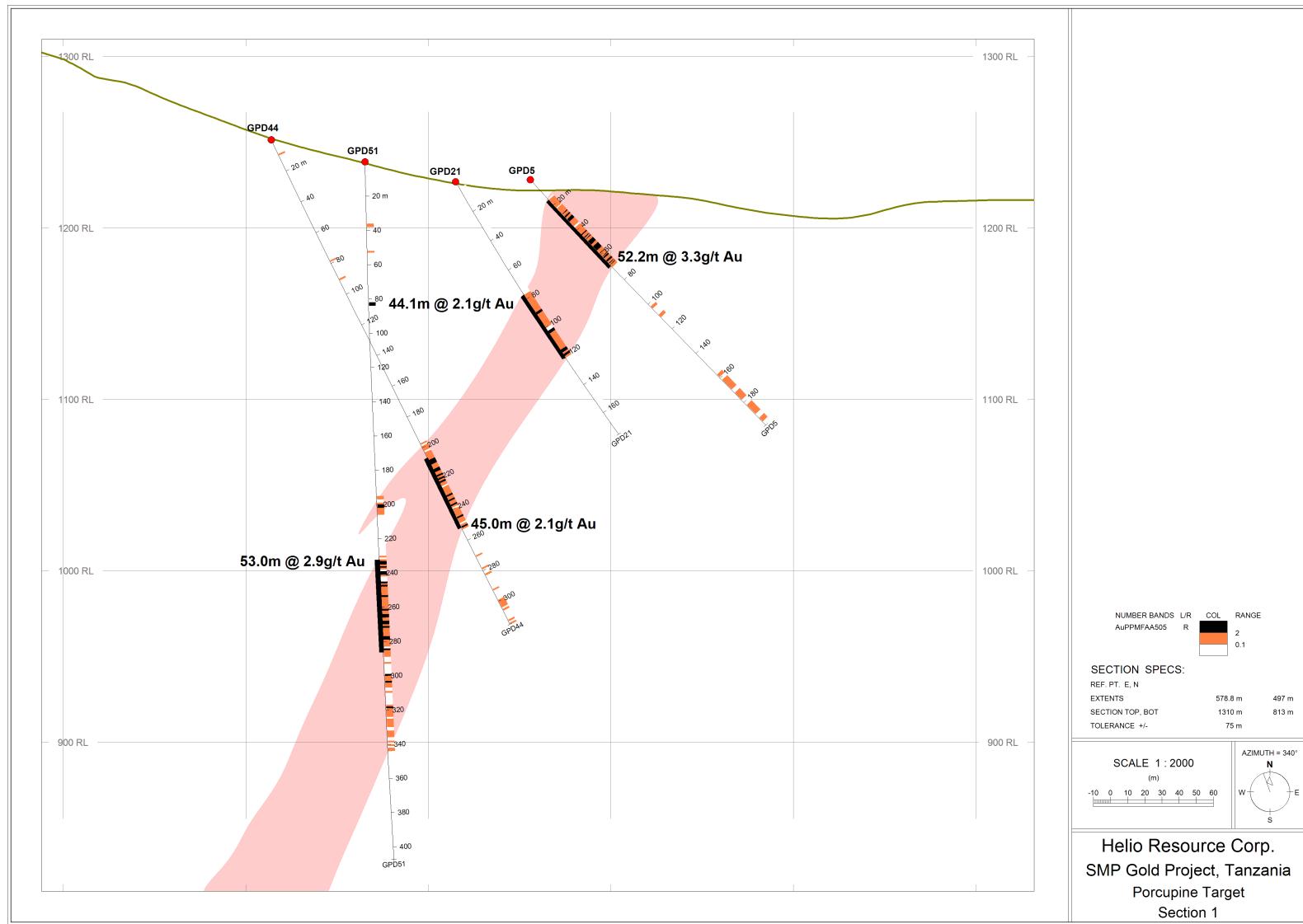
SMP Gold Project Resource Estimate – Unrestrained				
Cut off	Class	Mean grade	Tonnage	Metal oz
0.3	Measured	1.55	6,449,041	321,872
0.3	Indicated	1.54	5,372,676	266,877
<b>0.3</b>	<b>Measured + Indicated</b>	<b>1.54</b>	<b>11,821,717</b>	<b>588,749</b>
<b>0.3</b>	<b>Inferred</b>	<b>1.10</b>	<b>9,914,169</b>	<b>352,354</b>
0.5	Measured	1.66	5,880,284	314,271
0.5	Indicated	1.64	4,917,944	260,883
<b>0.5</b>	<b>Measured + Indicated</b>	<b>1.65</b>	<b>10,798,228</b>	<b>575,154</b>
<b>0.5</b>	<b>Inferred</b>	<b>1.32</b>	<b>7,525,022</b>	<b>320,669</b>

\*\* refer to news release dated November 30, 2010 for full details on the resource calculation

# SMP – PORCUPINE MAIN ZONE SECTION



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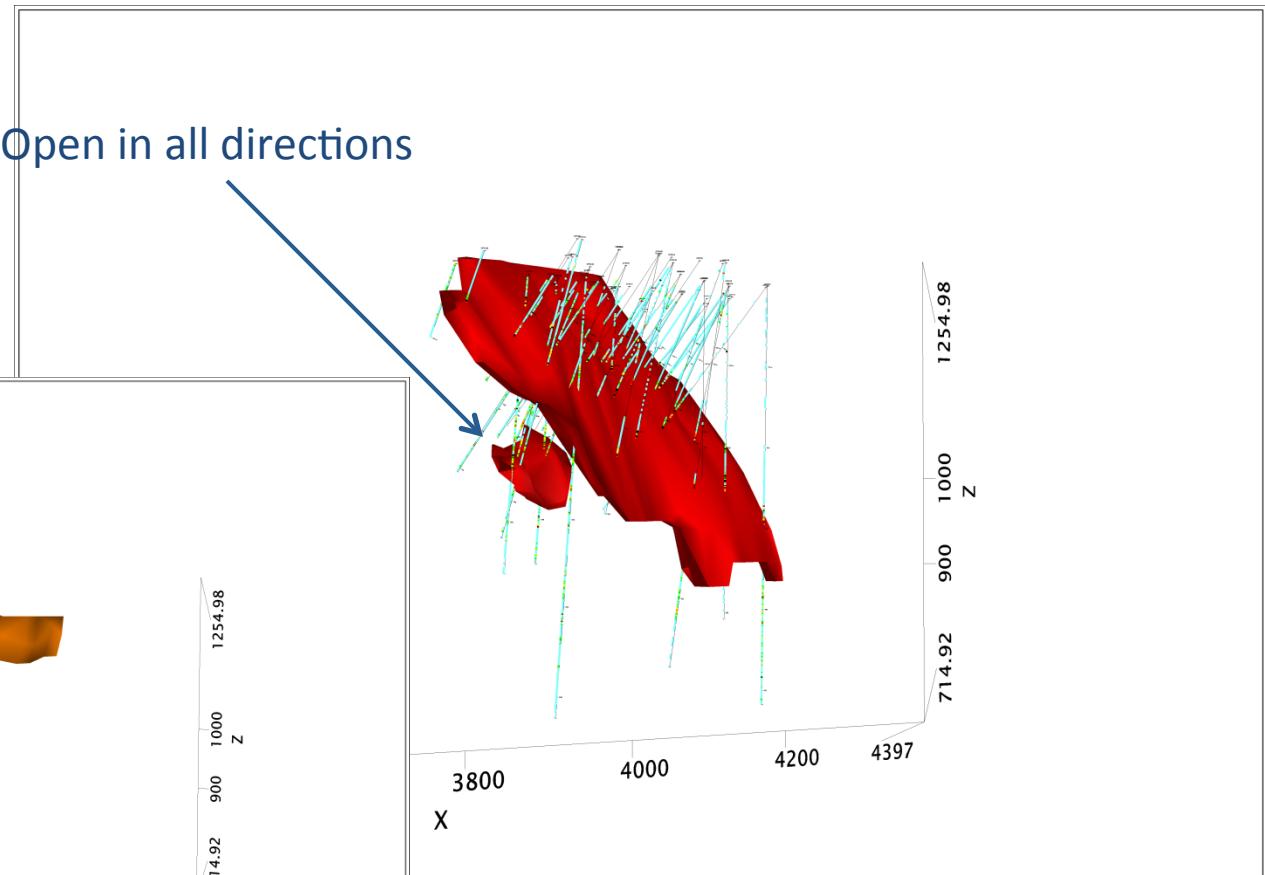
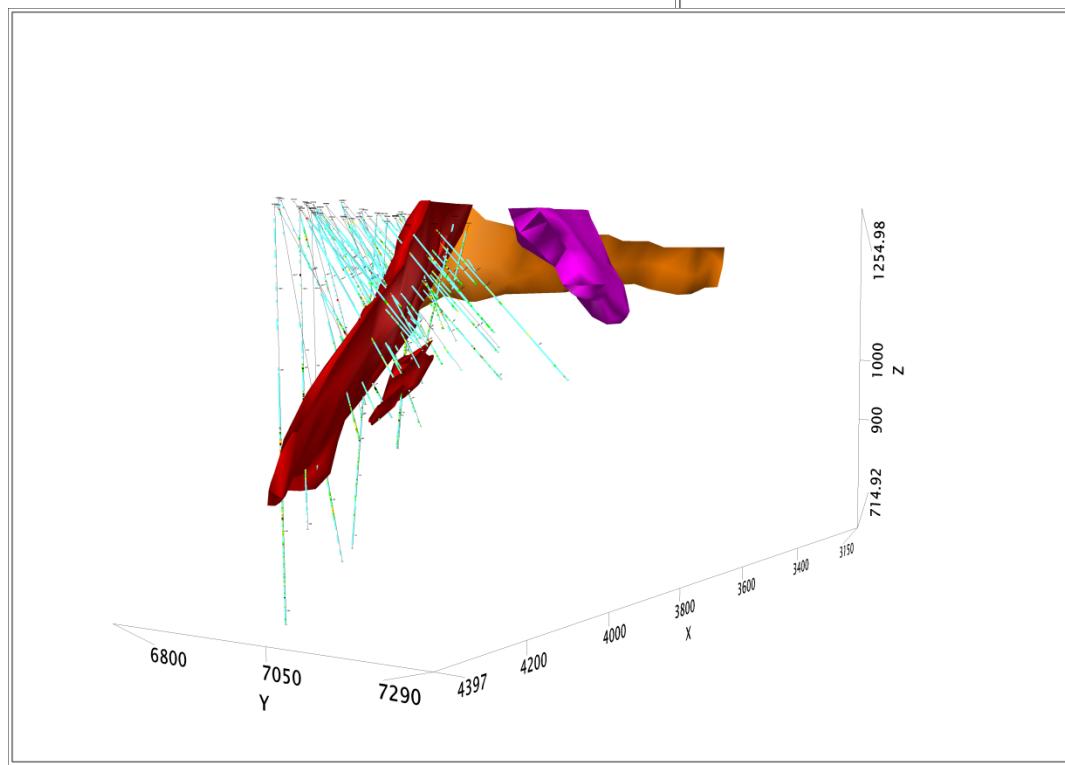
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# SMP – PORCUPINE WIREFRAMES



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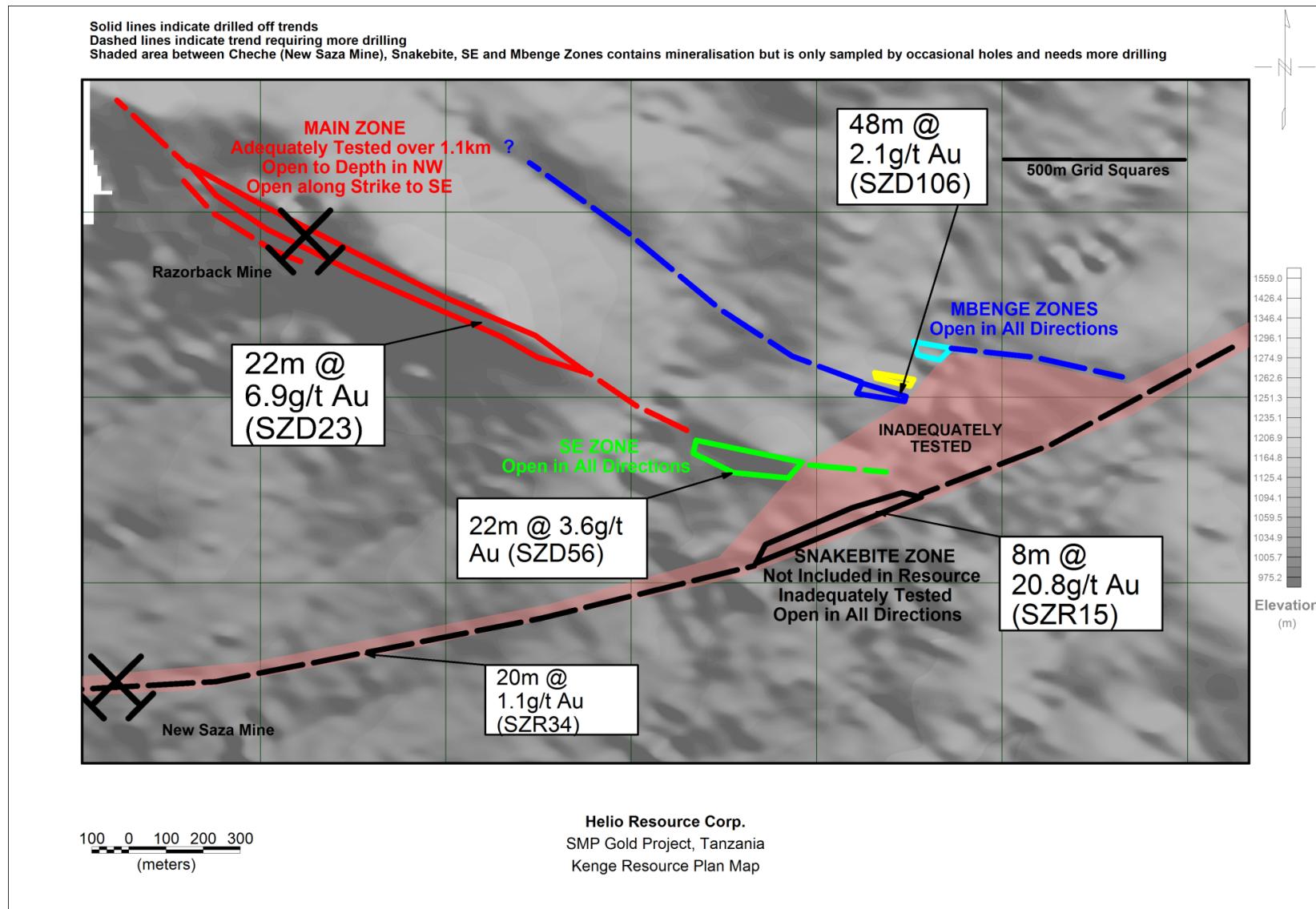
FW Zone – Open in all directions



# SMP – KENGÉ TARGET



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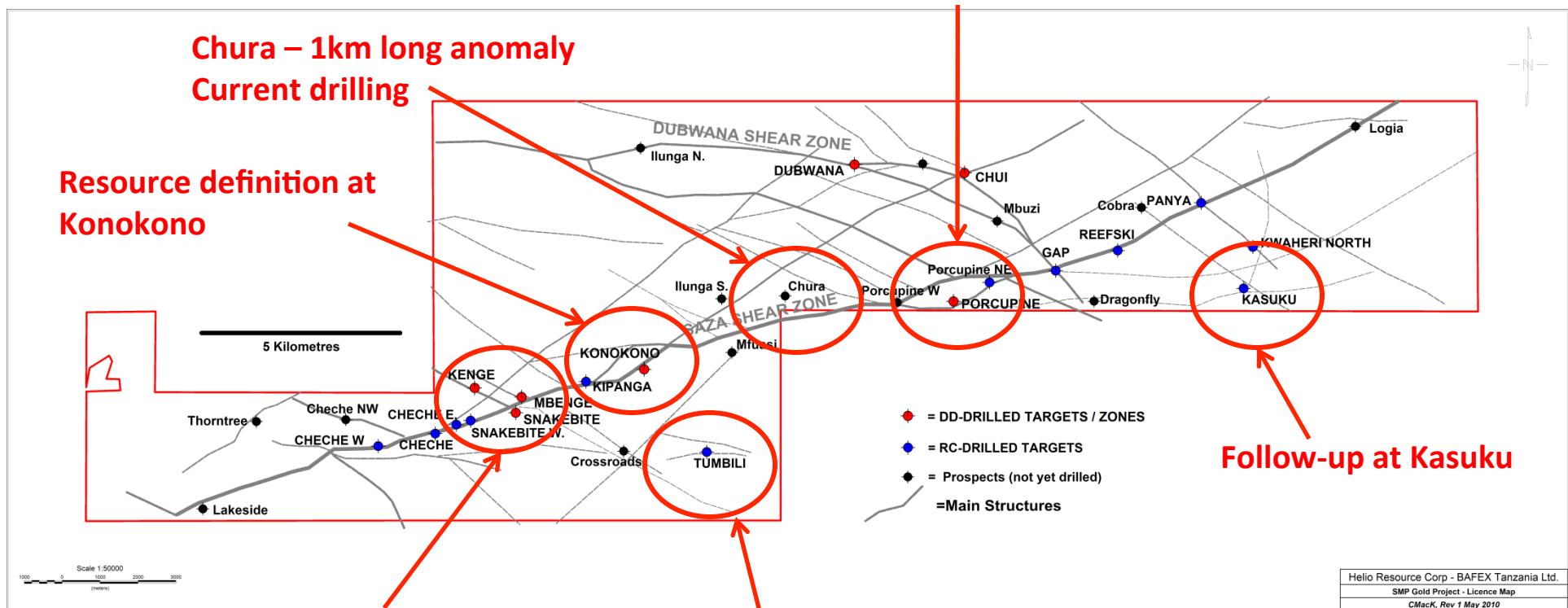


	Porcupine	Kenge
Gravity Separation	22.0%	34.7%
Whole Ore Flotation	94.8%	95.6%
Gravity + Gravity Tailing Flotation	93.4%	95.6%
Gravity + Flotation Concentrate Cyanidation	91.9%	93.3%
Gravity + Gravity Tailing Cyanidation	89.1%	94.5%
Whole Ore Cyanidation	88.9%	92.5%
Heap Leach Amenability	TBC	70.0%
Bond Ball Work Index	15.7	15.0

- Low Cyanide Consumption
- No “Preg Robbing” activity
- Non acid-generating tailings



## RESOURCE EXPANSION at Porcupine



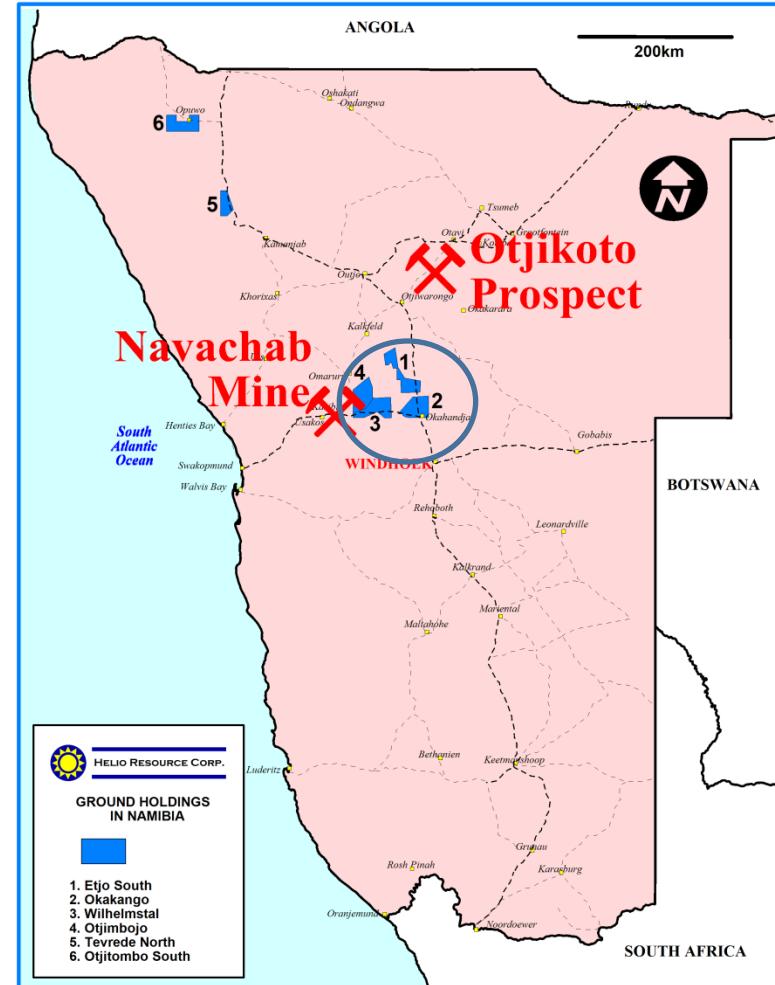
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# NAMIBIA – DAMARA GOLD PROJECT



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- 4 licences, 3,185km<sup>2</sup>
- 100% owned
- Confirmed potential of Navachab style mineralisation
- 20 -100km to the east and northeast of AngloGold Ashanti's Navachab mine
- 150km southwest of Auryx's Otjikoto project



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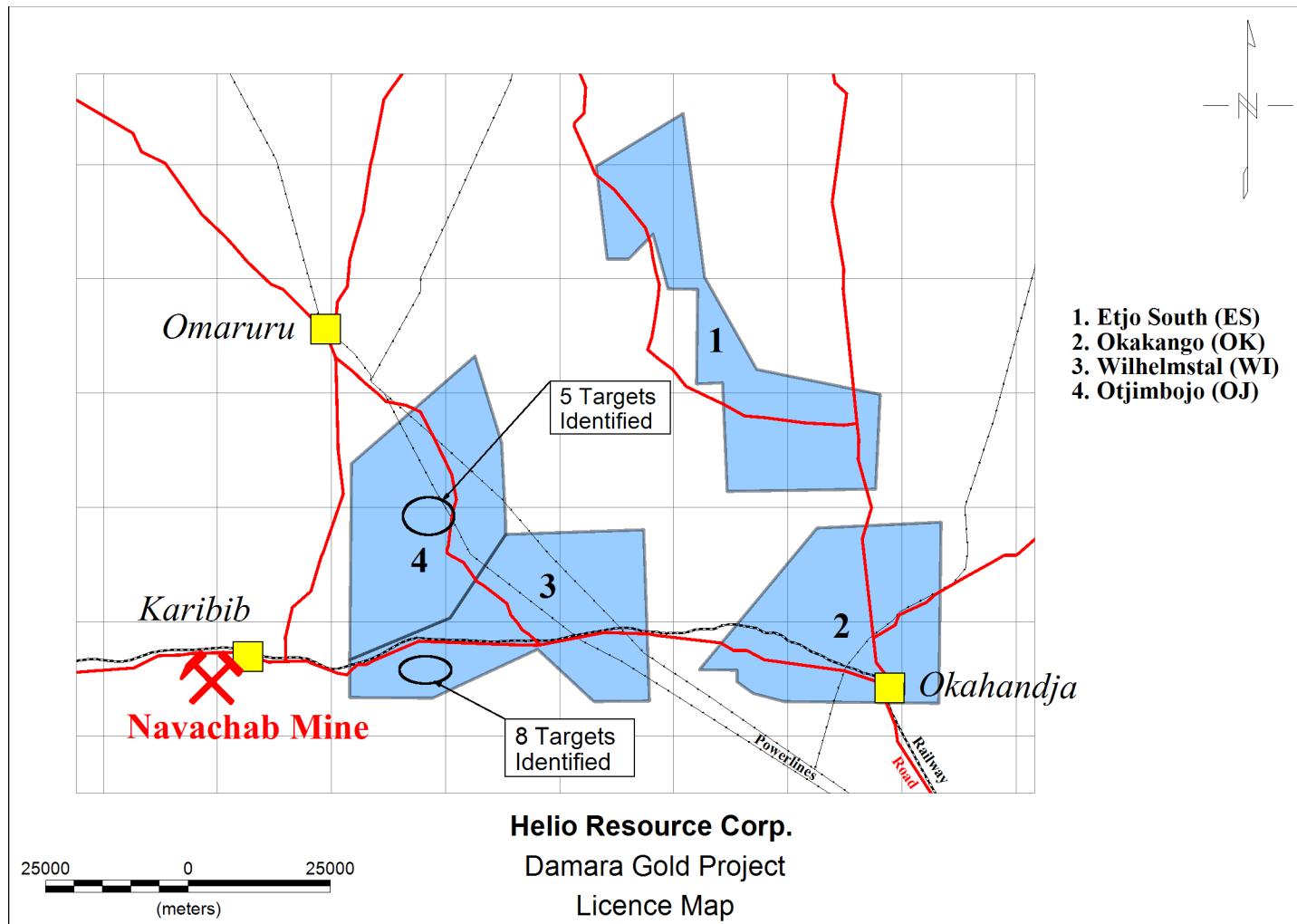
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# NAMIBIA – DAMARA GOLD PROJECT



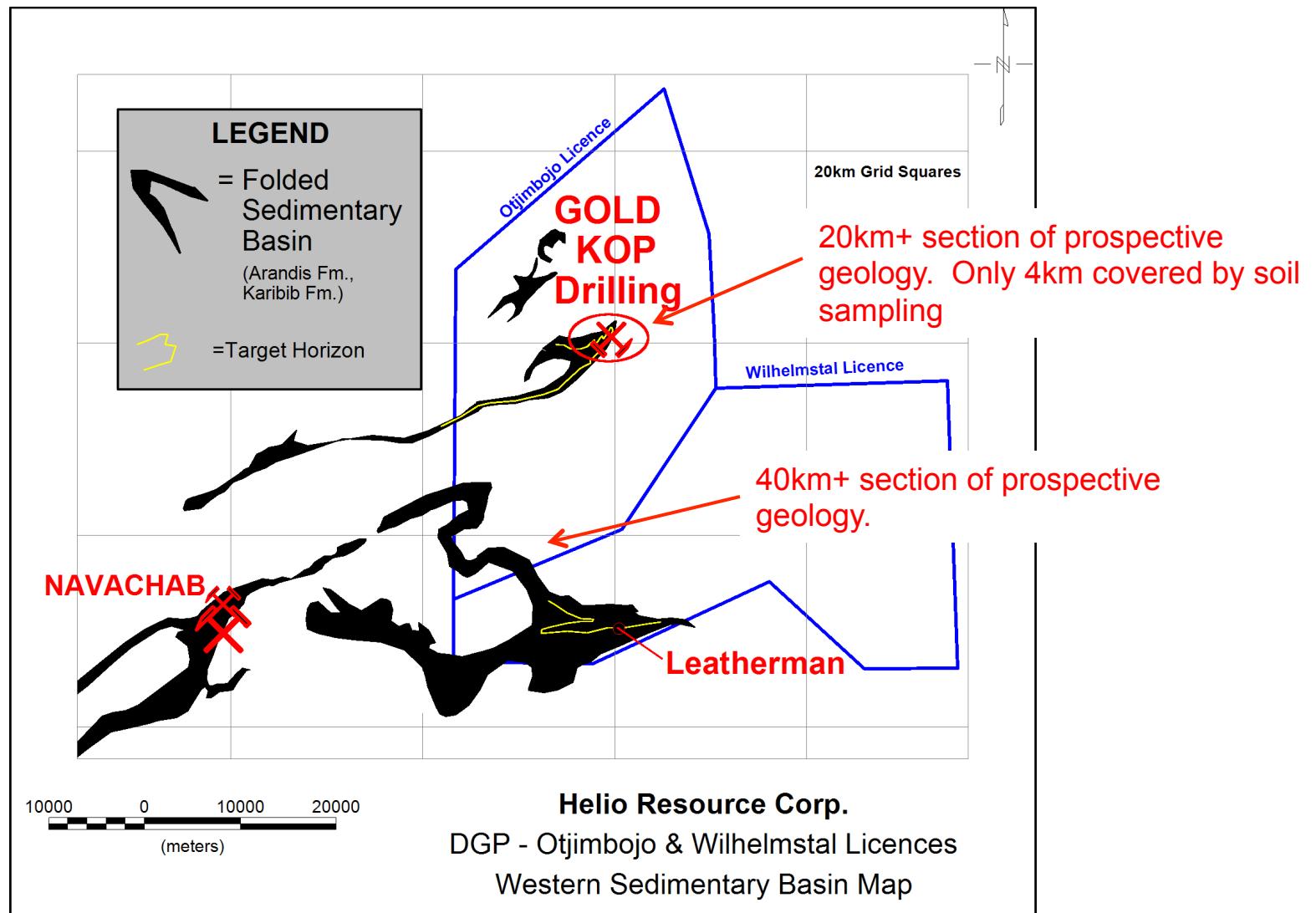
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Same geological terrain as AngloGold's Navachab Mine

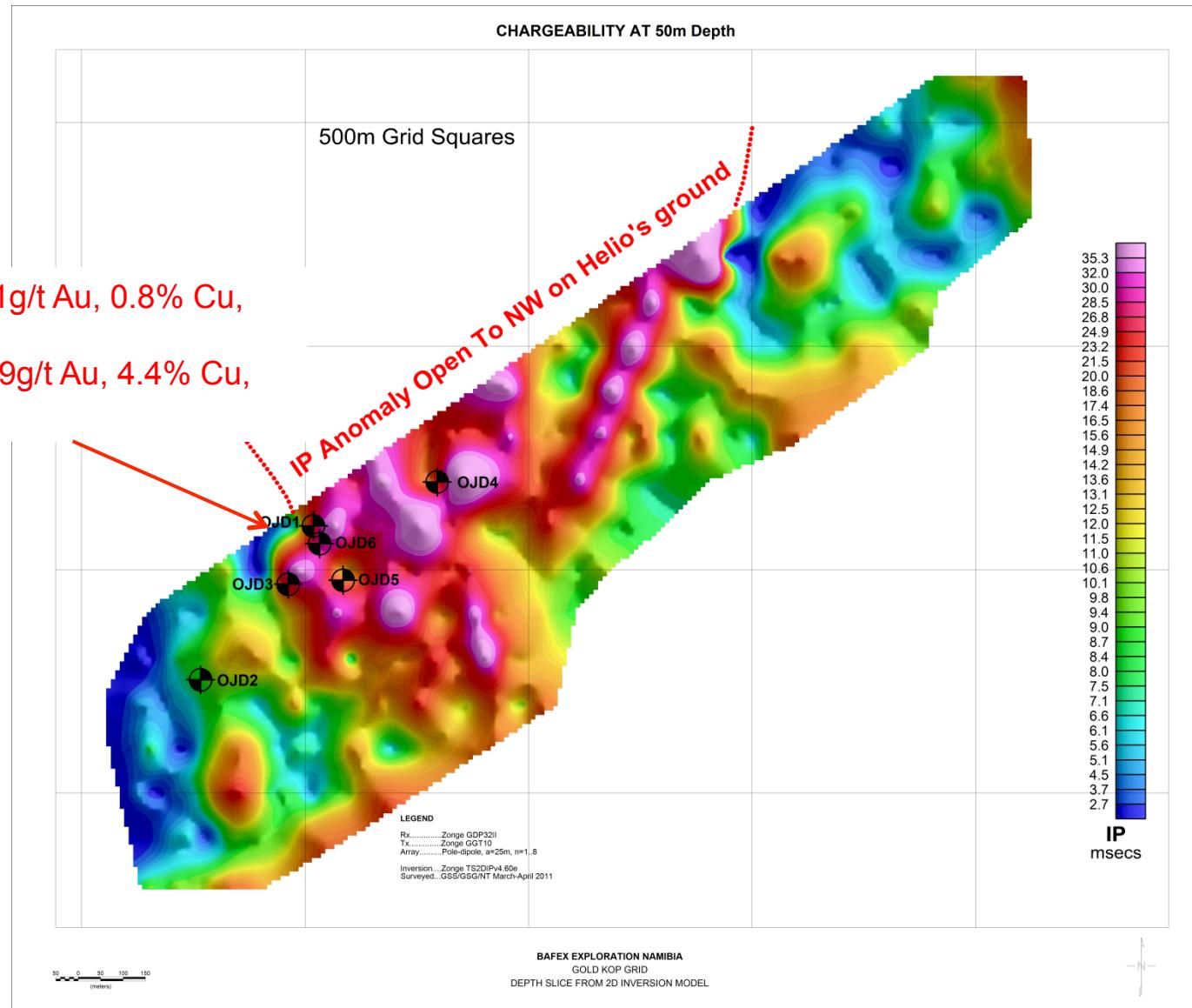
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# DGP – GOLD KOP DRILLING / IP



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50m at 2.1g/t Au, 0.8% Cu,  
14g/t Ag  
Inc 7m at 9g/t Au, 4.4% Cu,  
73g/t Ag



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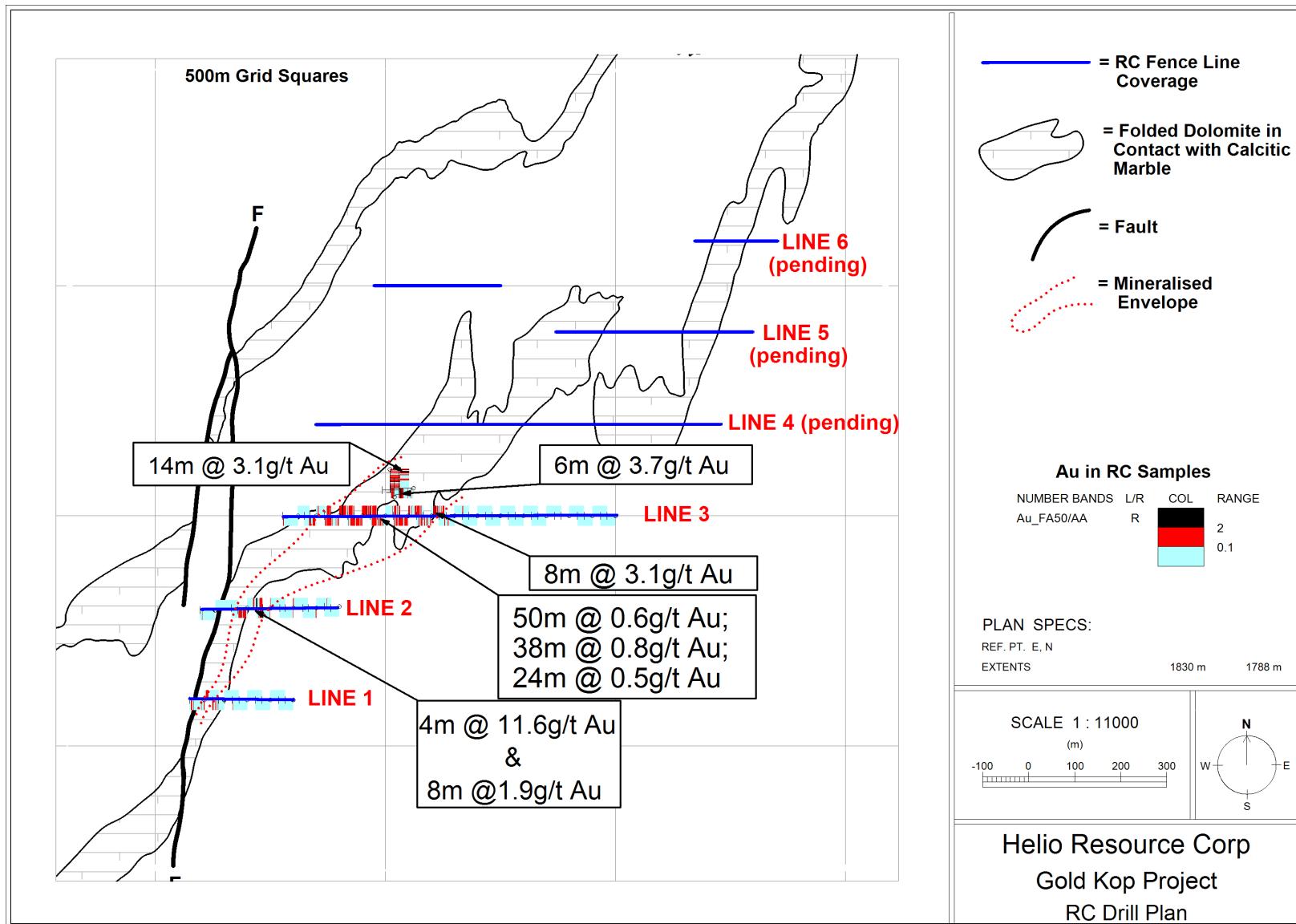
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# DGP – GOLD KOP RC DRILLING PLAN



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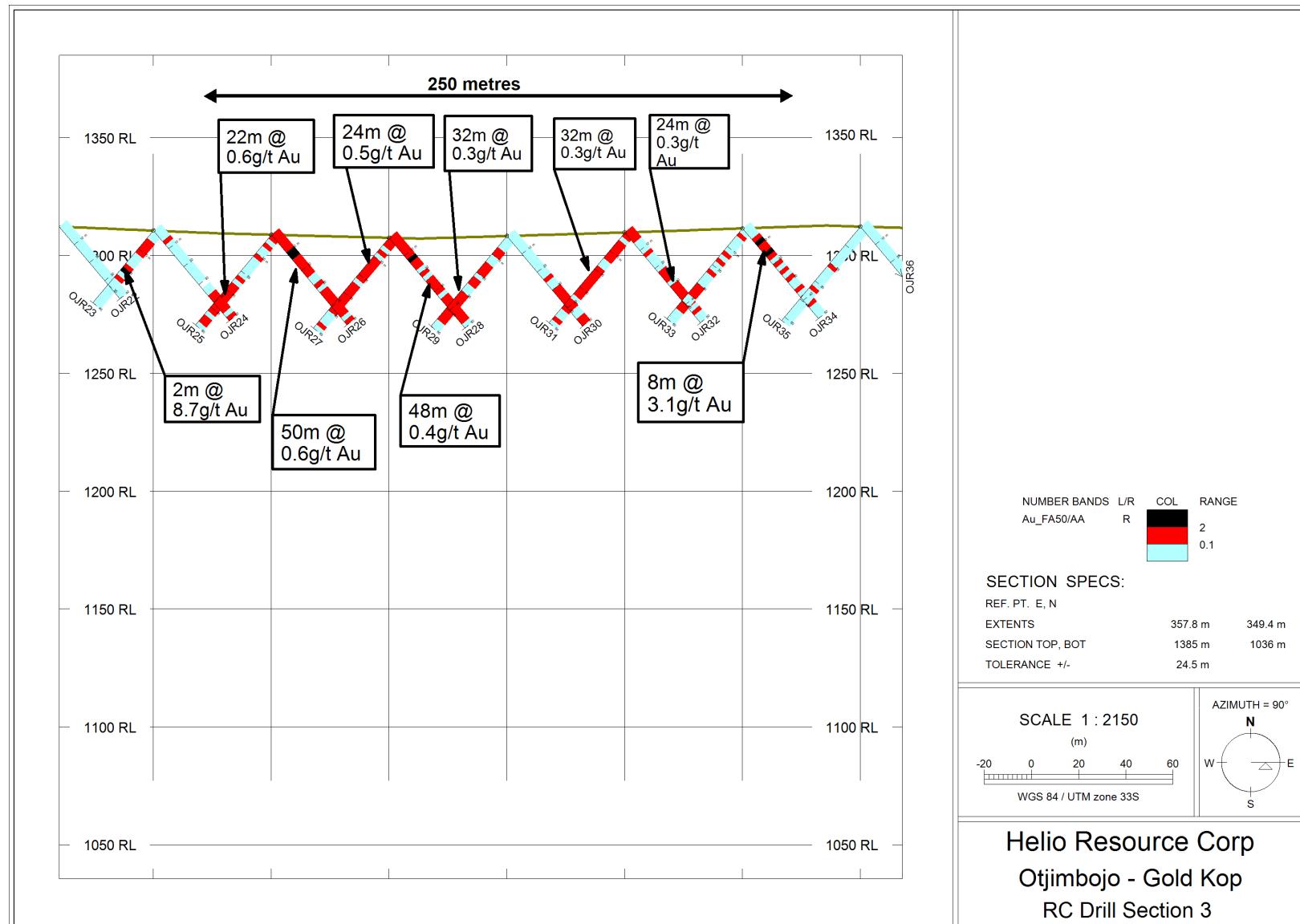


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# DGP – GOLD KOP RC DRILLING (Line 3)



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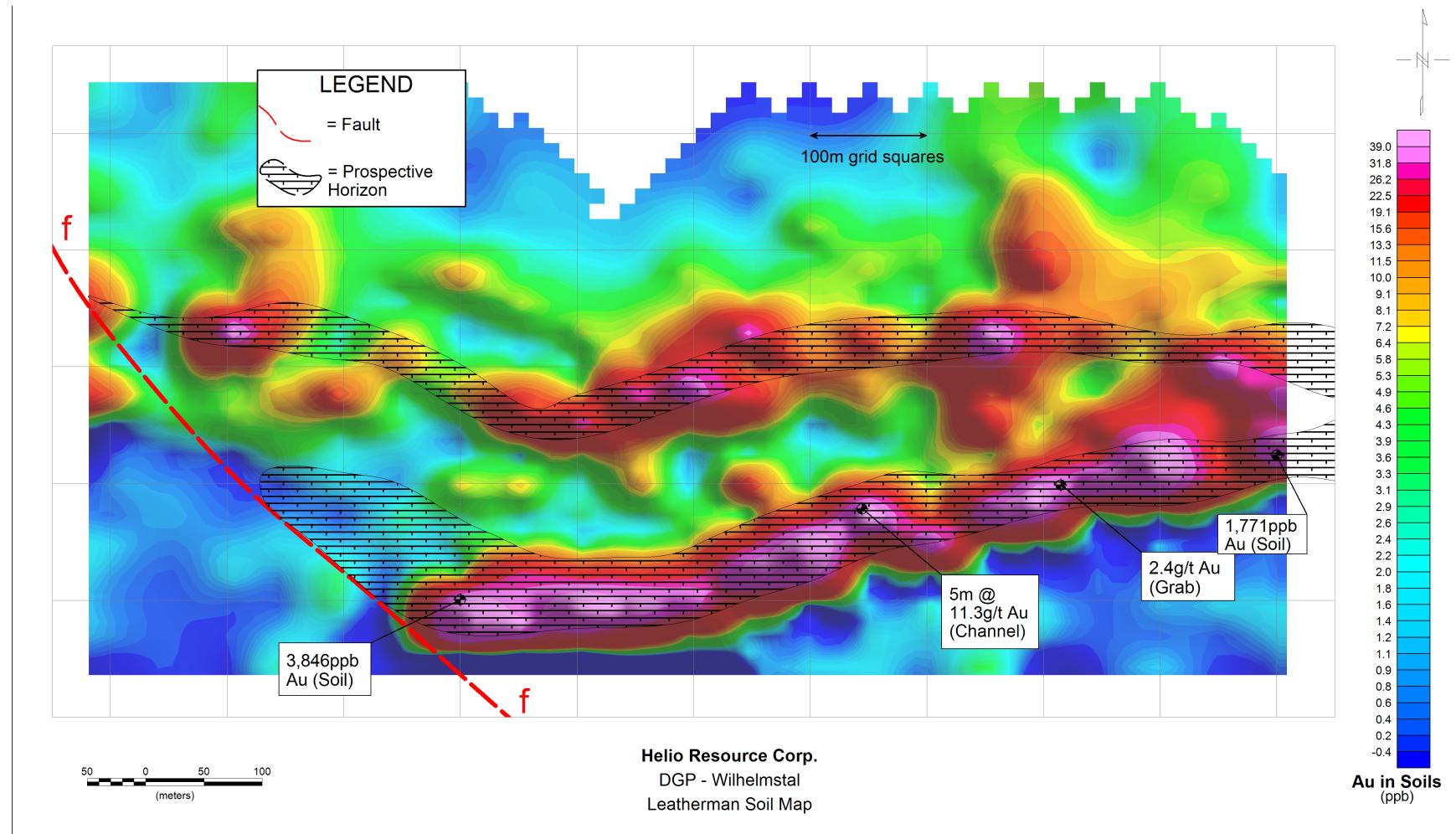
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- Initial 10,000m+ drill programme ongoing
- Stream sediment and soil sampling to cover all of the prospective areas of Navachab-equivalent stratigraphy underway
- Airborne and ground geophysical surveys to generate new drill targets
- Good potential to outline a resource quickly



- 2 gold projects, both with multi-million ounce potential
- Tanzania + Namibia – countries with strong track record for mine development
- 30,000m of drilling planned for 2011
- Drilling new gold targets at DGP and SMP
- Expanding the resource base in Tanzania
- Define resource potential in Namibia



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