Erin Resources Limited
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ASX RELEASE

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Senegal Exploration Programme - Initial Results

Highlights

- **Results of initial exploration programme on Erin's tenements package confirm the potential for significant gold discoveries.**
- **At Garaboureya South, infill soil sampling results show large and strong gold-in-soil anomalies (up to 8.5 g/t), located only 15 km north-west of Papillon's Fekola project (3.1Moz).**
- **At Bouroubourou, a significant zone of mineralisation has been identified from the RAB drilling programme.**
- **Drilled on lines 800m apart, the Line 3 traverse intersected significant anomalism (up to 6m @ 2.54g/t Au in hole BOURB0122 from 27m) in 8 contiguous holes over 160 metres.**
- **Mineralisation encountered is associated with quartz veining and shearing within the weathered saprolite including:**

Bouroubourou Intercepts – Line 3[1]			
Hole	from (m)	width (m)	grade (g/t gold)
BOURB0117	9	6	0.36
BOURB0118	9	3	0.29
BOURB0119	3	9	0.31
BOURB0120	39	3	1.54
BOURB0121	18	24	0.21
BOURB0122	18	18	1.12
BOURB0123	0	15	0.51
BOURB0124	12	6	0.69
[1]using a l cut-off of 0.1 g/t gold			

- **At Woye, RC drilling on 3 lines 200m apart near artisanal workings intersected anomalous gold (Table 1) associated with a broad shear and alteration zone up to 60m wide.**
- **RAB drilling at Woye on a separate trend intersected a strong anomalous gold zone (24m @ 0.41g/t gold from 15m) interpreted to be associated with a granitoid intrusive in a similar structural geology setting to the nearby Makabingui (0.5Moz) deposit of Bassari (Figure 2).**

Grant Davey, Erin's Managing Director commented: "The results from this early stage exploration are extremely encouraging and confirm the prospectivity of our project area in the Kedougou Inlier. Based on the success of all other active explorers in this area, I am confident that the Erin team can discover an economic resource on our properties. These initial results have placed us in a great position to strategically prioritise our efforts for our next exploration phase."

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About Erin in Senegal

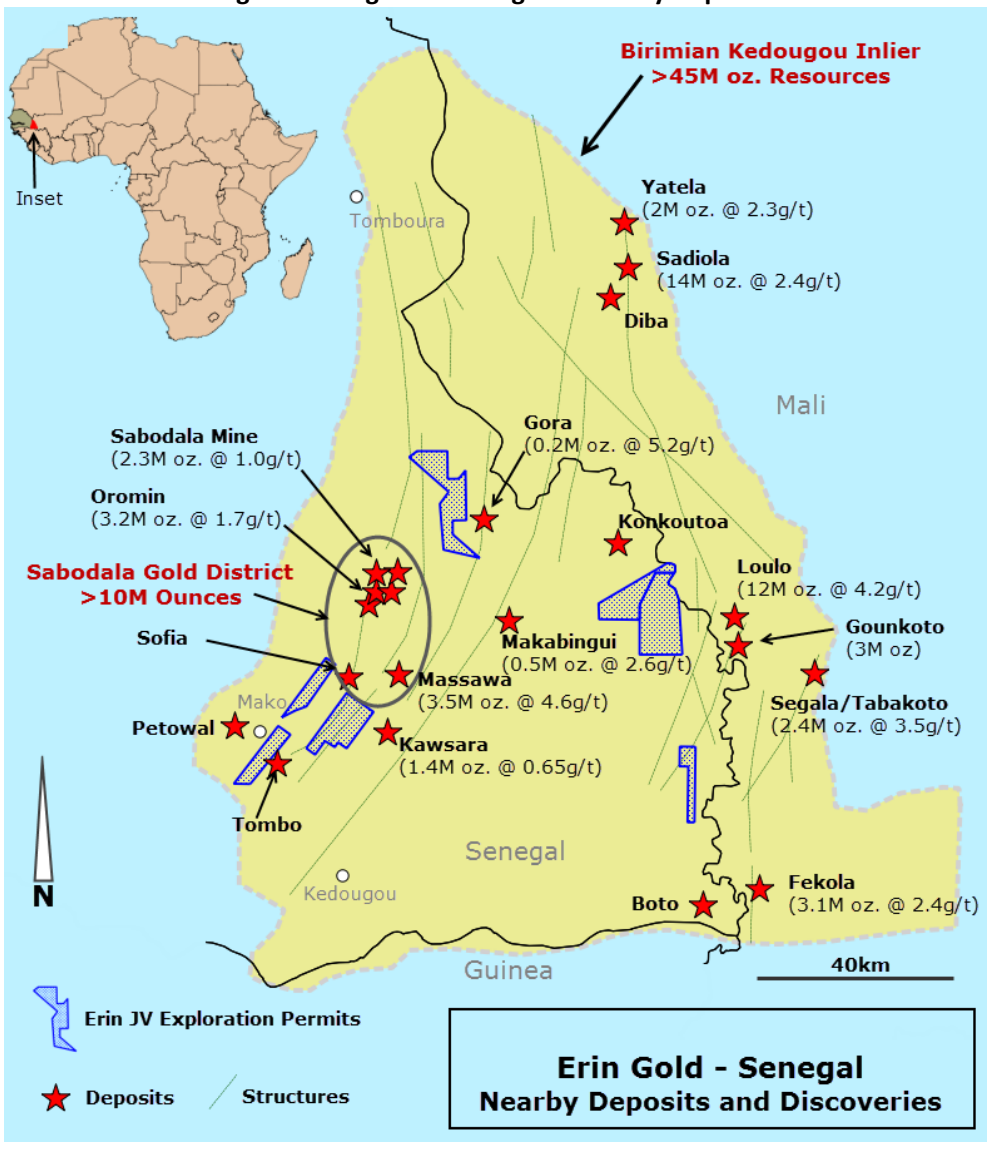
Erin Resources Limited (ASX: ERI) has majority interests (between 77.5 to 80%) in 7 gold projects that are well positioned within the Kedougou Inlier of the Archaean Birimian Craton (Figure 1).

The Kedougou Inlier contains approximately 50 million ounces of gold resources, most of which have been discovered in recent years with the emergence of the gold industry in Senegal. There is excellent potential on Erin's ground for significant gold discoveries of similar tenor to the deposits recently discovered in the Inlier.

Erin has recently completed an early stage exploration programme designed to provide additional information on geochemical anomalies identified in previous regional soil sampling (Figures 2). The programme focused on:

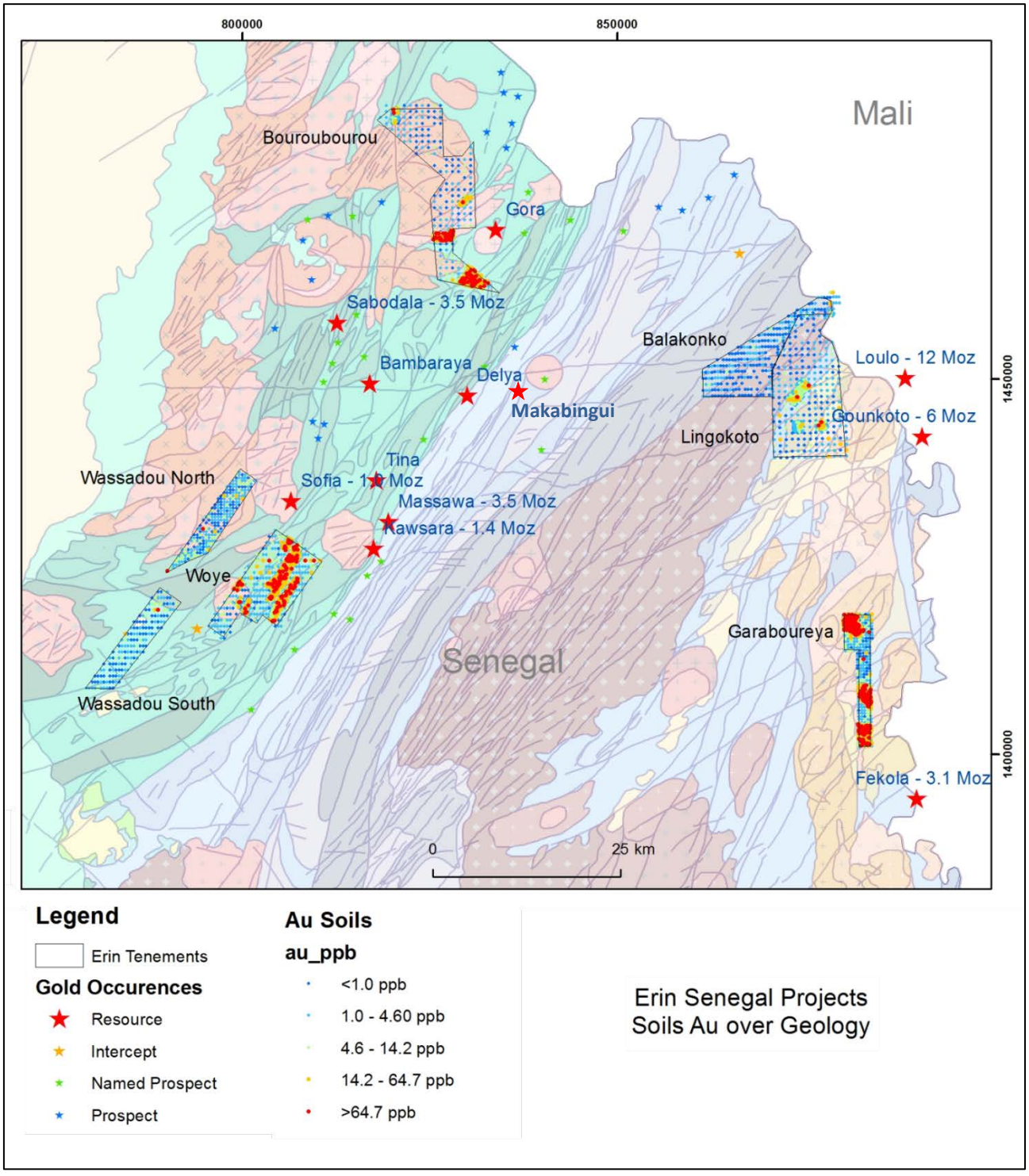
- Infilling the regional soil anomalies on Garaboureya South, Bouroubourou, Woye, Wassadou South and the Lingokoto project areas;
- 4,000 metres of RAB drilling (800m line spacing) on the Bouroubourou project following up a 3 kilometre long regional soil gold anomaly associated with an interpreted greenstone bearing structural corridor between granite intrusives (Figure 4);
- 5,000 metres of RAB drilling (800m line spacing) on the Woye project following up on a 7 kilometre long regional soil gold anomaly (Figure 6); and
- 1,800 metres of shallow RC drilling to test gold anomalies associated with the artisanal workings on the Woye project area (Figure 6).

Figure 1 – Regional Setting and Nearby Deposits



Results of significant RAB and RC intersections are summarised in the Highlights section and set out in detail in Table 1 below. RAB drilling was sampled using 3m composites and RC drilling utilised 1m samples. Routine analysis was by aqua regia digest with fire assay repeats for samples greater than 1g/t gold. Fire assay re-splits are pending for RAB intervals with significant assays.

Figure 2 –Erin Soil Anomalies and Regional Geology



Results from Initial Exploration Programme

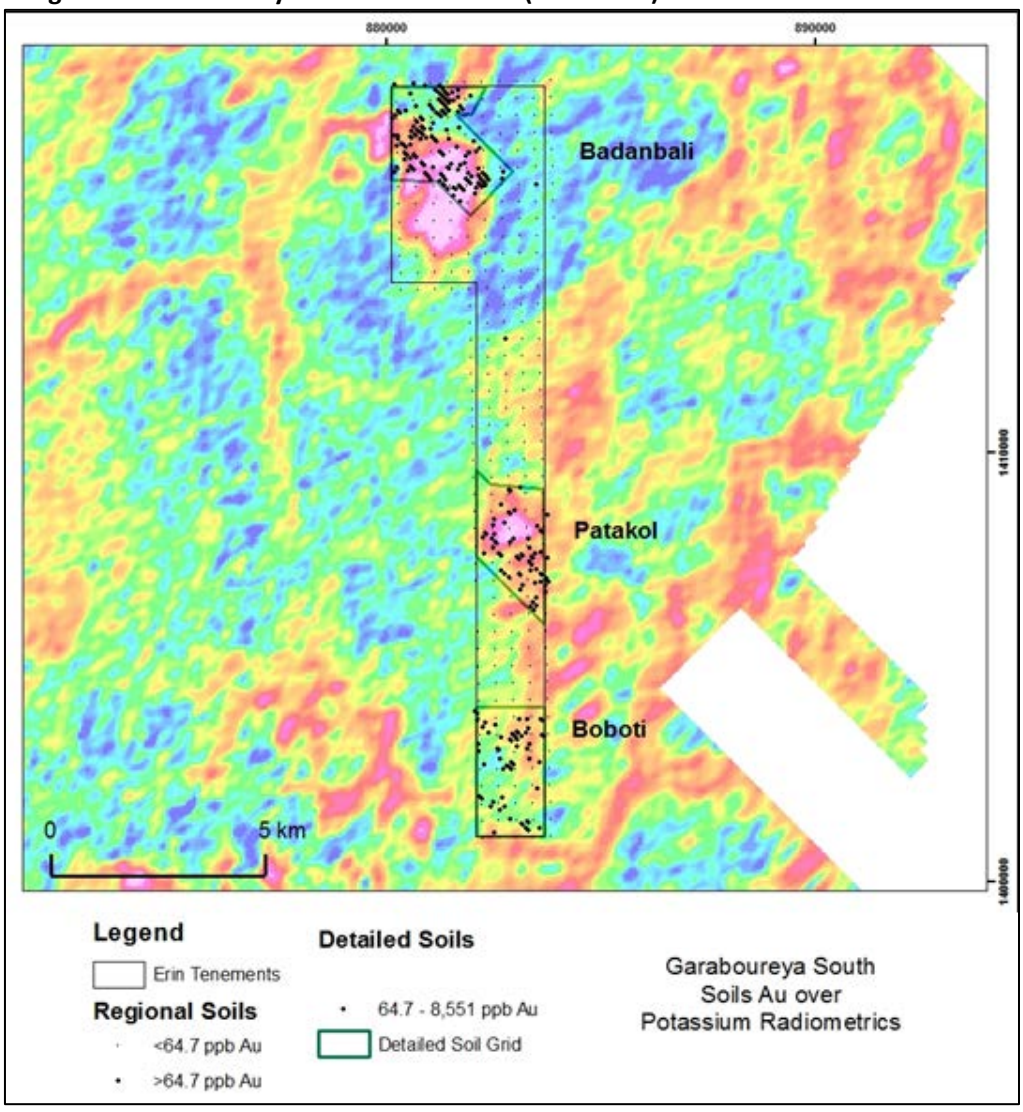
Garaboureya South

Widespread, high gold-in-soil values (up to 8.5 g/t Au, Figures 2 and 3) occur in interpreted windows of saprolitic bedrock exposed through extensive, thick lateritic duricrust. Two of the three anomalous areas also have coincident potassium anomalies defined by regional airborne radiometrics, suggestive of associated potassic alteration or potassium rich intrusions, and elevated nickel, copper and cobalt geochemistry, indicative of intermediate to mafic rocks.

The infill soil results show that areas of Garaboureya South host gold-in-soil values that are significantly higher than those of both Woye and Bouroubourou and therefore follow-up at Garaboureya South will be prioritised in the 2012 field season.

Planned follow-up activities include geological mapping, extending the infill soil coverage, trenching and RAB/RC drilling. This work is to be initiated as soon as access can be established following the end of the wet season in November.

Figure 3 – Garaboureya South Gold-In-Soil (black dots) and Potassium Radiometrics

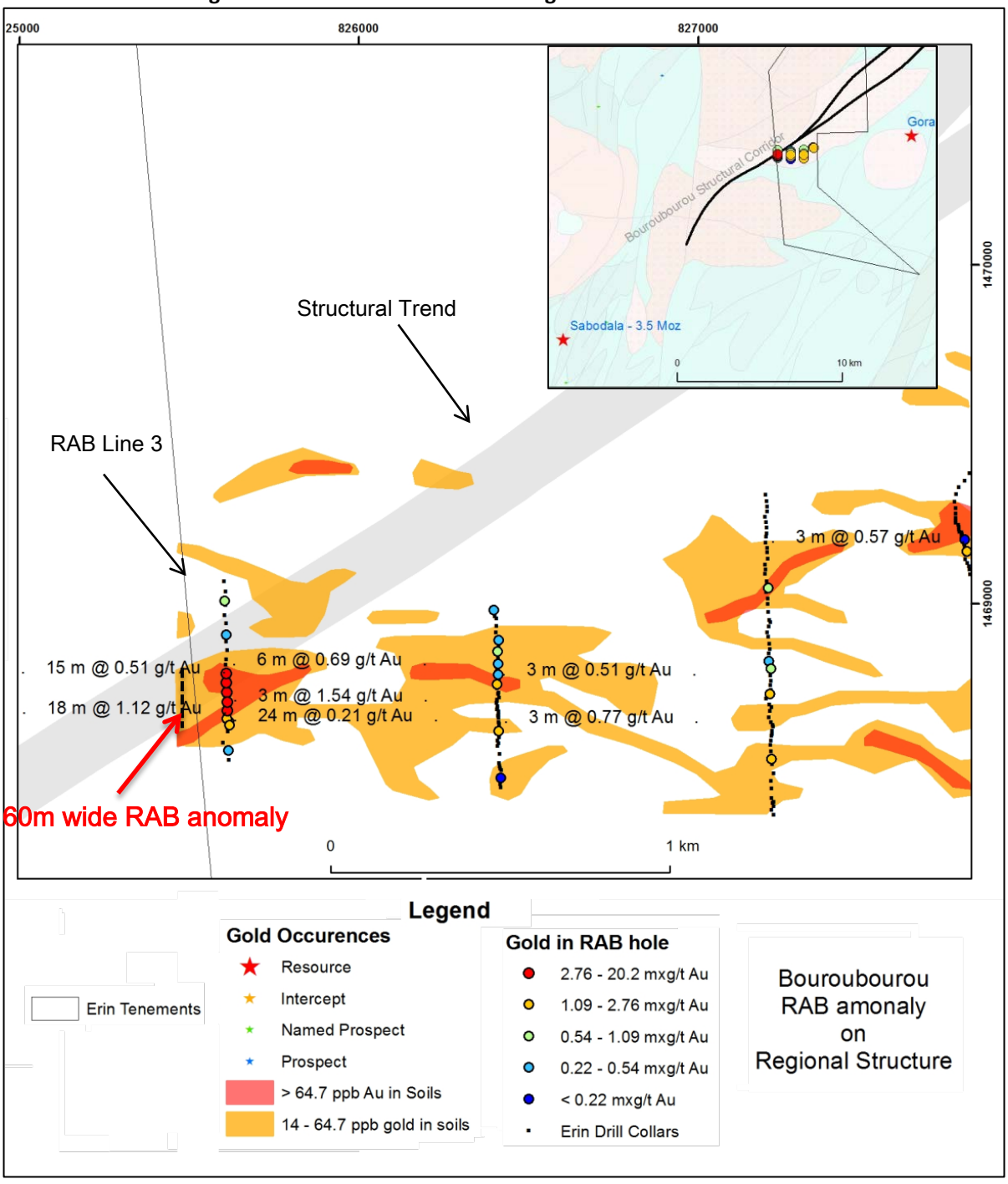


Showing the peak Garaboureya gold-in-soil values (heavy black dots) over potassium radiometrics. Anomalous gold results are coincident with the potassium anomalies for the Badanbali and Patakol regions.

Bouroubourou

Significant gold mineralisation was identified in RAB drilling. Four traverses were drilled 800m apart and the western traverse (RAB Line 3) intersected anomalism in **8 contiguous holes over a traverse length of 160 metres**, associated with quartz veining and shearing within the weathered saprolite after intermediate volcaniclastics (Figures 4 and 5).

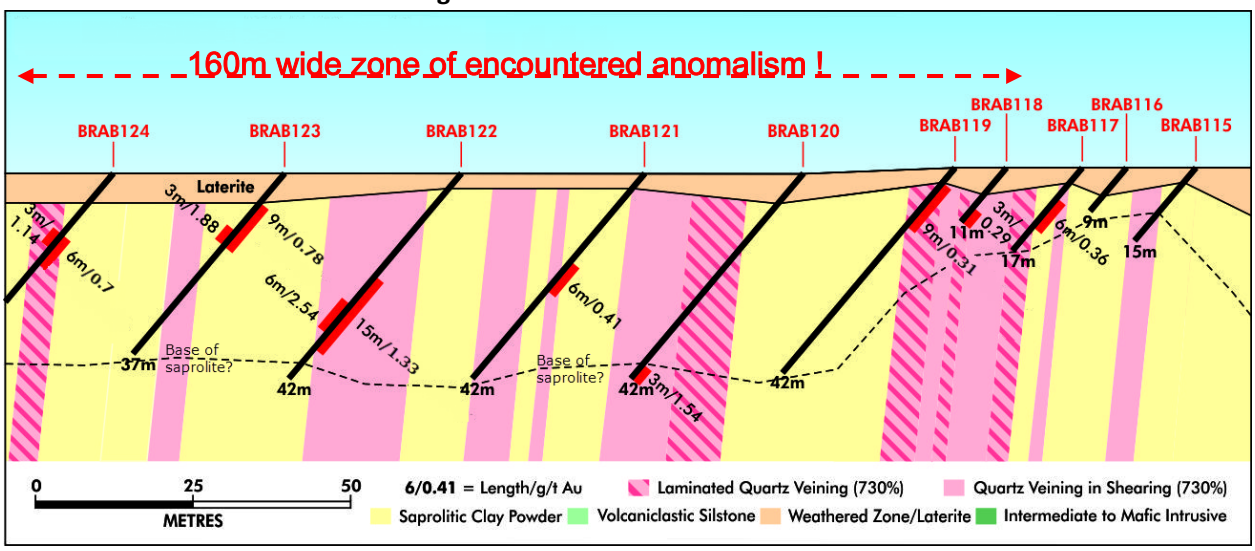
Figure 4 – Bouroubourou RAB Drilling and Gold-In-Soil Anomalies



Showing the Bouroubourou RAB lines and encountered significant mineralisation and interpreted structural trends.

This mineralisation sits on the interpreted position of a major shear that extends over 7 kilometres on Erin's ground, and planned follow-up activities include geological mapping and additional sampling, trenching and RC/Diamond drilling to target the structure within fresh rock.

Figure 5 – Bouroubourou RAB Line 3



*Showing the **160m wide region of gold anomalism intersected by 8 contiguous holes; associate with quartz veining.** The mineralisation is associated with up to 80% quartz veining, sheared and laminated quartz veining and sericitic +/- pyrite alteration. All mineralisation has been intersected in the weathered saprolite portion of the profile; **there is good potential for higher grades in the fresh rock portion of these zones.** Mapping, trenching and follow up drilling targeting fresh rock mineralisation will be priorities for the new field season.*

Woye

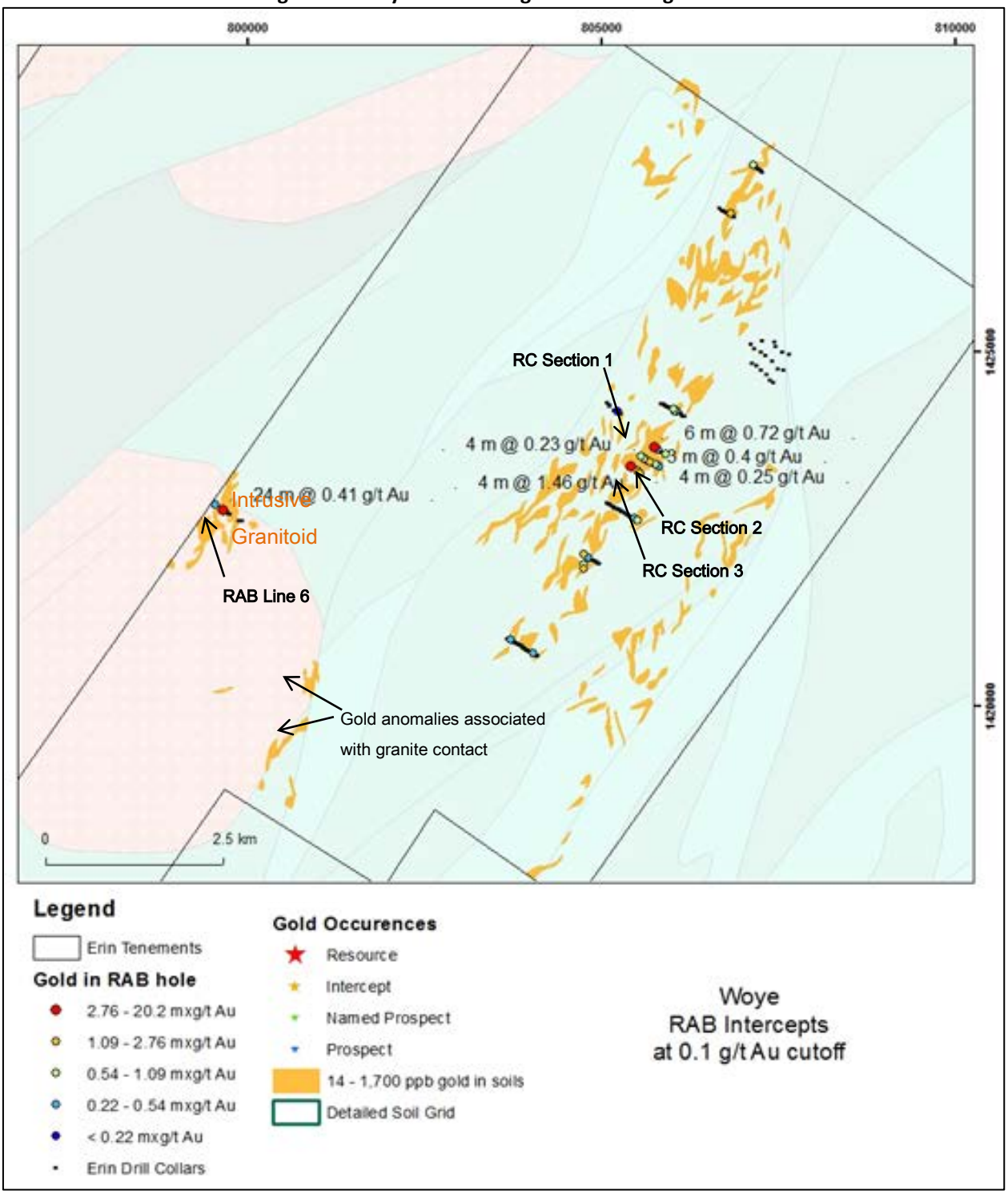
RC drilling below artisanal workings interested wide zones (up to 95m wide) of strong shearing and pervasive alteration (including fuchsite) within volcaniclastics and carbonaceous shales (Figure 6). The shear zones have quartz veining up to 10% locally and contain mineralised silicified felsic dykes. They are open along strike and down dip. Geological mapping and rock chip sampling will now be completed to put the drill results into context and to facilitate targeting for additional drilling.

RAB Line 6 (Figure 8) was drilled on the northern edge of a granodiorite intrusive within volcaniclasitc sediments and tested beneath a strong gold-in-soil anomaly in a similar structural geology setting to the nearby Makabingui (0.5Moz) deposit of Bassari (Figure 2). WOYRB0105 on this line intersected 24m @ 0.41g/t gold from 15m, including 3m @ 1.32g/t Au from 15m.

Recently completed infill soil sampling has identified a similar gold soil anomaly on the eastern edge of the same intrusive, and this anomaly remains to be tested.

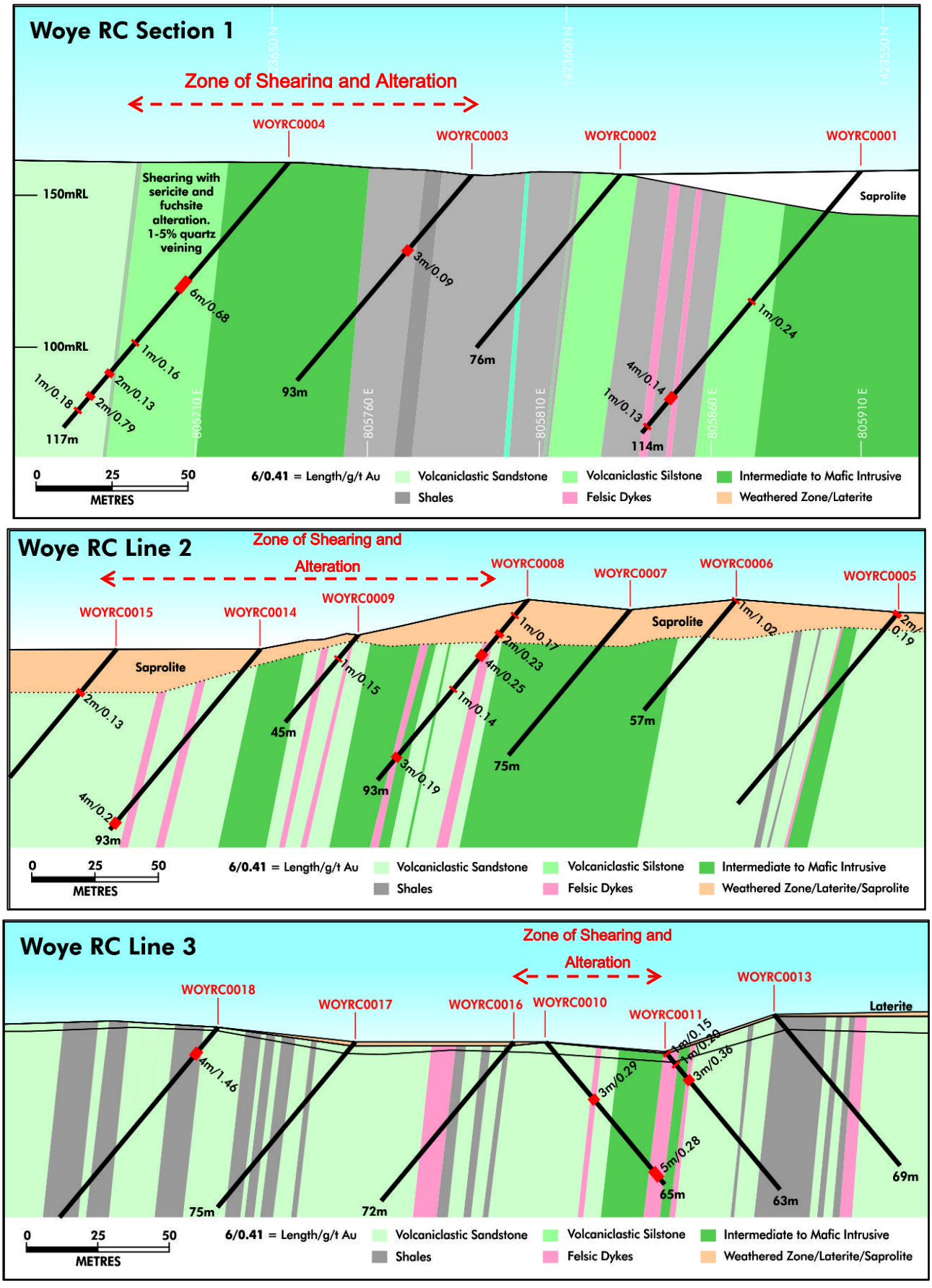
Planned follow-up work for both of the intrusive related targets includes geological mapping and rock chip sampling, infill soils, trenching and drilling (RAB and RC).

Figure 6 – Woye Soils and Significant Drilling Results



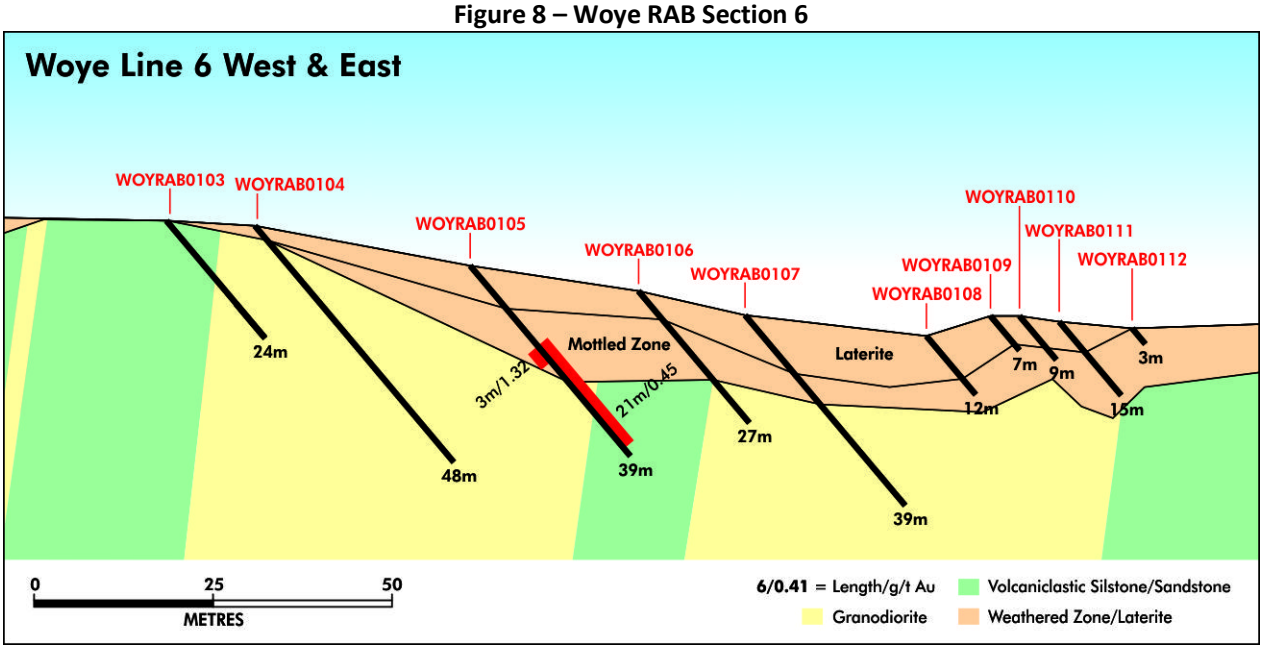
Showing Woye regional geology and soil geochemical anomalies. To the west, RAB Line 6 (Figure 8) intersected 24m @ 0.41g/t Au in the contact region of an intrusive granite. Soil anomalies were also detected along the interpreted eastern edge of this granite. RC drilling in the region of artisanal workings intersected anomalous gold associated with shearing and sericitic alteration.

Figure 7 – Woye RC Sections 1 to 3



Showing the regions of alteration and shearing intersected in the Woye RC drilling in the vicinity of the central artisanal workings.

Figure 8 – Woye RAB Section 6



Showing anomalous gold mineralisation associated with the contact region of the intrusive granitoid and the surrounding volcaniclasitc sequences. Regionally, this style of mineralisation has the potential to host significant gold occurrences.

Summary

Erin's first season of exploration in Senegal has focussed on infill soil geochemistry with RAB drilling on high-priority targets that had been identified by regional soils. Additionally localised RC drilling was undertaken in proximity to artisanal workings on Woye. Infill soil programmes were also undertaken on the Garaboureya South, Bouroubourou, Woye, Wassadou South and the Lingokoto project areas. This work successfully generated the detailed information required to prioritise and detail the programmes for the next dry season's field work. High priorities for the next phase of exploration include the significant gold-in-soil anomalies encountered at Garaboureya South.

The broad spaced regional RAB lines and localised RC drilling have both supplied valuable information on the prospect-scale geology, structure and alteration, and provided valuable targeting information for the next round of work. Specifically the significant results returned for Bouroubourou Line 3 and Woye Line 6 provide trenching/drilling-ready targets for the next field season.

With the results achieved to date, Erin's management is excited about the prospectivity for substantial gold resources within its tenement package in the Kedougou Inlier in south-eastern Senegal, and the real likelihood of making a significant gold discover for the benefit of its shareholders. Erin is also committed to increasing its land position in this highly prospective region.

Grant Davey
Managing Director

The information in this document that relates to Exploration Results is based on information compiled or reviewed by Mr Mark Fleming who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Fleming is a full time employee of the Company. Mr Fleming 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'. Mr Fleming consents to the inclusion in this document of the matters based on his information in the form and context in which it appears.

Table 1 – List of significant Intersections greater than 2m at greater than 0.1g/t gold.

Hole ID	Easting UTM Zone 28	Northing UTM Zone 28	RL	dip	azimuth	From	Length	Au (g/t)
WOYRC0010	805498	1423320	148	-50	120	60	3	0.4
WOYRC0014	805597	1423494	168	-50	300	88	4	0.23
BOURB0011	827217	1468541	149	-50	360	12	6	0.26
						27	3	0.12
BOURB0026	827211	1468734	140	-50	360	0	3	0.45
BOURB0031	827214	1468808	137	-50	360	24	3	0.11
						33	2	0.14
BOURB0032	827209	1468830	137	-50	360	3	3	0.12
BOURB0045	827207	1469046	139	-50	360	15	3	0.23
BOURB0066	826418	1468485	134	-50	360	3	2	0.11
BOURB0079	826412	1468623	136	-50	360	3	3	0.77
BOURB0097	826407	1468762	136	-50	360	0	3	0.51
BOURB0100	826410	1468789	137	-50	360	0	3	0.12
BOURB0102	826410	1468821	138	-50	360	6	3	0.15
BOURB0104	826409	1468858	140	-50	360	0	3	0.27
BOURB0106	826412	1468891	143	-50	360	12	3	0.16
BOURB0111	826398	1468980	146	-50	360	24	3	0.18
BOURB0113	825616	1468566	165	-50	360	12	3	0.11
BOURB0117	825619	1468640	165	-50	360	9	8	0.3
BOURB0118	825618	1468652	165	-50	360	9	3	0.29
BOURB0119	825611	1468660	165	-50	360	3	9	0.31
BOURB0120	825613	1468684	164	-50	360	27	3	0.21
						39	**3**	**1.54**
BOURB0121	825612	1468709	164	-50	360	18	24	0.21
BOURB0122	825610	1468738	164	-50	360	18	18	1.12
					Incl.	**27**	**6**	**2.54**
BOURB0123	825609	1468766	164	-50	360	0	15	0.51
					Incl.	**9**	**3**	**1.88**
						24	6	0.18
BOURB0124	825609	1468793	164	-50	360	12	6	0.69
					Incl.	**12**	**3**	**1.14**
BOURB0129	825609	1468908	163	-50	360	12	3	0.11
BOURB0133	825605	1469007	164	-50	360	18	3	0.25
BOURB0142	827792	1469154	135	-50	360	0	3	0.57
WOYRB0013	806013	1424192	165	-50	120	9	3	0.27
WOYRB0015	806031	1424166	166	-50	120	3	6	0.14
WOYRB0018	806055	1424155	167	-50	120	36	3	0.13
WOYRB0049	805460	1422652	163	-50	120	18	3	0.11
WOYRB0051	805499	1422627	142	-50	120	0	3	0.32
WOYRB0055	804811	1422102	153	-50	120	21	3	0.15
WOYRB0069	803714	1420937	132	-50	120	30	3	0.16
WOYRB0092	804024	1420752	133	-50	120	6	3	0.15
WOYRB0100	799539	1422841	136	-50	120	3	3	0.17
WOYRB0105	799657	1422764	129	-50	120	12	24	0.41
WOYRB0122	806822	1426943	175	-50	120	21	3	0.62
WOYRB0126	807135	1427628	177	-50	120	21	3	0.28
WOYRC0001	805904	1423550	158	-50	300	98	4	0.15
WOYRC0004	805739	1423648	162	-50	300	51	6	0.72
					Incl.	**56**	**1**	**3.52**
						92	2	0.13
						102	2	0.84
					Incl.	**102**	**1**	**1.12**
WOYRC0005	805807	1423376	164	-50	300	0	2	0.19
WOYRC0006	805752	1423409	169	-50	300	17	2	0.23
						27	4	0.25
WOYRC0010	805498	1423320	148	-50	120	25	3	0.29
						11	3	0.36
WOYRC0012	804737	1421933	161	-50	120	22	2	0.32
						12	2	0.13
WOYRC0018	805401	1423380	153	-50	300	10	4	1.46
					Incl.	**11**	**2**	**4.51**