

DRILL RESULTS:

KKME 1-6

The assay results from angled diamond drill hole KKME 1-6 drilled to a total depth of 597.8 outlined in table 1 below.

Four select intervals from drillhole KKME 1-6 were analysed at the Scientific Services Geological Laboratories ("SCISERV") laboratory in Cape Town, South Africa which include 292.7 - 297.5m, 308.5 - 313.2m, 501.8 - 529.1m, and 585.0 - 597.8m.

Significant nickel intersections ¹ include:

- 4.8m @ 0.2% Ni from 292.7m
- **4.1m @ 0.49% Ni from 309m, including 1.6m @ 0.72% Ni from 309.6m**
- 16.7m @ 0.16% Ni from 501.8m
- 10.9m @ 0.13% Ni from 518.2m
- 3.4m @ 0.28% Ni from 594.4m to end of hole at 597.8m (mineralisation remains open at depth)

Individual samples were also sent to the University of Witwatersrand for thin section mineralogical analysis. The results of this analysis, set out below, successfully identified the presence of primary pentlandite, secondary nickel sulphide and chalcopyrite mineralisation within three drill core samples from KKME 1-6:

- MK-05139 (0.44m pyroxenite sample from 310m down-hole depth) assayed at 6,999ppm Ni (0.70% Ni) from a primary magmatic, pentlandite-bearing, assemblage.
- IMK-05149 (0.58m pyroxenite sample from 295m down-hole depth) assayed at 6,606ppm Ni (0.66% Ni).
- IMK-05153 (0.54m pyroxenite sample from 297m down-hole depth) assayed at 2,244ppm Ni (0.22% Ni).
- Both IMK-05149 and IMK-05153 contained primary pentlandite within predominant secondary nickel sulphides, arsenides and alloys.

KKME 1-14

The assay results from angled diamond drill hole KKME 1-14 drilled to a total depth of 515.8m are outlined in table 2 below.

Four select intervals from drillhole KKME 1-14 were analysed at the SCISERV laboratory which include 180.0 - 188.8m, 192.2 - 201.2m, 207.9 - 208.5m and 475.4 - 483.22m.

Significant nickel intersections ¹ include:

- 6.0m @ 0.17% Ni from 180.0m in harzburgite rock immediately above a fault zone at 186m; and
- 1.0m @ 0.11% Ni from 194.0m in serpentinite with a partial breccia texture within an intra-fault zone totalling 9m @ 0.07%Ni between 192m and 201m downhole.

The drilling intersected the ultramafic rocks of the Molopo Farms Complex directly below 40m of Kalahari sand and duricrust cover and continued to a faulted contact with Transvaal Supergroup quartzite units to a downhole depth of 205.5m. The hole remained in Transvaal rocks through to its end at 515.8m downhole depth.

The anomalous nickel mineralisation identified at shallow depths within KKME 1-14 supports the findings from hole KKME 1-6 (located over 20km away) and further demonstrates there is potential for nickel enrichment in the magmatic intrusive system. Together with the encouraging results obtained from hole KKME 1-6, the combined drill hole findings provide important geological information which will help plan a Phase II drill programme which aims to vector towards significant quantities of magmatic nickel-copper mineralisation within this fertile magmatic system.

KKME 1-14 was drilled targeting a broad kilometre-scale EM anomaly which can be traced further to the east, which is the known orientation of magmatic layering within the MFC. This same EM anomaly extends towards the west and then swings southwest into the northeast-southwest trending shear zone which is interpreted to represent a feeder zone on the Project. As a result, Kalahari Key is of the belief that this conductive target potentially represents a much larger Ni-Cu mineralised system than originally understood.

Assaying Technique and Results

Scientific Services Geological Laboratories ("SCISERV") located in Cape Town, South Africa, analysed half core samples for nickel, copper, gold and platinum with the results summarised in Table 1 and 2 below.

SCISERV employed a two acid (HNO₃ + HF) digest with analysis by inductively coupled plasma optical emission spectrometry ("ICP-OES").

Table 1: Diamond Drill Hole KKME 1-6 Assay Data

Drill Hole ID	From (m)	To (m)	Downhole Interval (m)	Cu (ppm)	Ni (ppm)	Zn (ppm)	Au (g/t)	Pt (g/t)
1-6	292.68	293.40	0.72	<5	1417	50	<0.05	<0.05
1-6	293.40	294.18	0.78	<5	1213	57	<0.05	<0.05
1-6	294.18	294.70	0.52	6	1177	59	<0.05	<0.05
1-6	294.70	295.28	0.58	163	6606	95	0.05	0.19
1-6	295.28	295.96	0.68	60	1182	55	<0.05	<0.05
1-6	295.96	296.47	0.51	<5	1235	54	<0.05	<0.05
1-6	296.47	297.48	1.01	15	1621	57	<0.05	<0.05
1-6	296.94	297.48	0.54	<5	2244	69	<0.05	<0.05
1-6	308.49	309.04	0.55	17	1779	63	<0.05	0.11
1-6	309.04	309.61	0.57	159	3280	73	<0.05	0.08
1-6	309.61	310.05	0.44	664	6999	79	<0.05	0.15

1-6	310.05	310.67	0.62	530	7018	80	<0.05	0.15
1-6	310.67	311.22	0.55	448	7459	82	<0.05	0.15
1-6	311.22	311.58	0.36	343	4867	77	<0.05	0.13
1-6	311.58	312.00	0.42	185	4065	63	0.05	0.10
1-6	312.00	312.41	0.41	35	3714	63	<0.05	0.10
1-6	312.41	313.19	0.78	21	2558	54	<0.05	<0.05
1-6	501.80	502.98	1.18	<5	1212	57	<0.05	<0.05
1-6	502.98	503.55	0.57	<5	1076	63	<0.05	<0.05
1-6	503.55	504.50	0.95	<5	1237	58	<0.05	<0.05
1-6	504.50	505.40	0.90	<5	1501	53	<0.05	<0.05
1-6	505.40	506.23	0.83	<5	1088	58	<0.05	<0.05
1-6	506.23	507.15	0.92	<5	1140	62	<0.05	<0.05
1-6	507.15	508.00	0.85	<5	1411	63	<0.05	<0.05
1-6	508.00	509.00	1.00	7	1883	57	<0.05	<0.05
1-6	509.00	510.00	1.00	8	1974	51	<0.05	<0.05
1-6	510.00	511.00	1.00	6	1953	57	<0.05	0.06
1-6	511.00	512.00	1.00	8	1888	56	<0.05	<0.05
1-6	512.00	513.00	1.00	7	2081	57	<0.05	<0.05
1-6	513.00	514.00	1.00	9	1862	55	<0.05	<0.05
1-6	514.00	514.50	0.50	7	2131	65	<0.05	<0.05
1-6	514.50	516.00	1.50	8	1934	55	<0.05	<0.05
1-6	516.00	517.00	1.00	7	1269	42	<0.05	<0.05
1-6	517.00	518.52	1.52	<5	1414	53	<0.05	<0.05
1-6	518.15	518.52	0.37	<5	1489	50	0.208	<0.05
1-6	518.52	519.47	0.95	<5	1047	63	<0.05	<0.05
1-6	519.47	520.28	0.81	<5	1740	54	<0.05	<0.05
1-6	520.28	521.22	0.94	<5	1692	53	<0.05	<0.05
1-6	521.22	521.78	0.56	<5	1629	61	<0.05	<0.05
1-6	521.78	522.62	0.84	<5	1606	54	<0.05	<0.05
1-6	522.62	523.13	0.51	<5	1504	64	<0.05	<0.05
1-6	523.13	524.00	0.87	<5	1467	63	<0.05	<0.05
1-6	524.00	524.48	0.48	<5	1642	59	<0.05	<0.05
1-6	524.48	525.28	0.80	<5	1239	60	<0.05	<0.05
1-6	525.28	526.20	0.92	<5	924	63	<0.05	<0.05
1-6	526.20	527.46	1.26	<5	698	51	<0.05	<0.05
1-6	527.46	528.17	0.71	<5	911	58	<0.05	<0.05
1-6	528.17	529.05	0.88	<5	918	65	<0.05	<0.05
1-6	585.00	586.00	1.00	<5	2536	47	<0.05	<0.05
1-6	594.40	595.17	0.77	<5	2469	45	<0.05	<0.05
1-6	595.17	596.00	0.83	<5	2755	47	<0.05	<0.05

1-6	596.00	597.00	1.00	5	3038	52	<0.05	<0.05
1-6	597.00	597.80	0.80	6	2852	53	<0.05	<0.05

Table 2: Diamond Drill Hole KKME 1-14 Assay Data

Drill Hole ID	From (m)	To (m)	Downhole Interval (m)	Ni (ppm)	Cu (ppm)	Au (ppm)	Pt (ppm)	Notes
1-14	180.00	181.00	1.00	1,785	<5	<0.05	<0.05	Composite 6.0m @ 0.17% Ni from 180.0m in harzburgite rock immediately above a fault zone at 186m
1-14	181.00	182.00	1.00	1,821	<5	<0.05	<0.05	
1-14	182.00	183.00	1.00	1,653	<5	<0.05	<0.05	
1-14	183.00	184.00	1.00	1,914	<5	<0.05	<0.05	
1-14	184.00	185.00	1.00	1,609	<5	<0.05	<0.05	
1-14	185.00	186.00	1.00	1,569	<5	<0.05	<0.05	
1-14	188.16	188.80	0.64	501	138	<0.05	<0.05	1.0m @ 0.11% Ni from 194.0m in serpentinite with a partial breccia texture within an intra-fault zone totalling 9m @ 0.07%Ni between 192m and 201m downhole.
1-14	192.20	193.00	0.80	708	9	<0.05	<0.05	
1-14	193.00	194.00	1.00	779	9	<0.05	<0.05	
1-14	194.00	195.00	1.00	1,135	16	<0.05	<0.05	
1-14	195.00	196.00	1.00	812	14	<0.05	<0.05	
1-14	196.00	197.00	1.00	899	17	0.06	<0.05	
1-14	197.00	198.00	1.00	659	12	<0.05	<0.05	
1-14	198.00	199.00	1.00	705	14	<0.05	<0.05	
1-14	199.00	199.65	0.65	826	14	<0.05	<0.05	
1-14	199.65	200.40	0.75	566	53	<0.05	<0.05	
1-14	200.40	201.20	0.80	128	25	<0.05	<0.05	
1-14	207.90	208.50	0.60	6	<5	0.05	<0.05	
1-14	475.40	476.09	0.69	6	11	<0.05	<0.05	
1-14	476.09	477.00	0.91	<5	<5	<0.05	<0.05	
1-14	477.00	477.90	0.90	<5	<5	<0.05	<0.05	
1-14	477.90	478.65	0.75	6	<5	<0.05	<0.05	
1-14	478.65	479.57	0.92	15	9	<0.05	<0.05	
1-14	479.57	480.17	0.60	61	106	<0.05	<0.05	
1-14	480.17	481.00	0.83	60	56	<0.05	<0.05	
1-14	481.00	481.48	0.48	19	5	<0.05	<0.05	
1-14	481.48	482.40	0.92	71	48	<0.05	<0.05	
1-14	482.40	483.22	0.82	103	71	<0.05	<0.05	

Further Details

Hole KKME 1-14 was drilled at an azimuth of 345° with a dip of 60° to a final depth of 515.8m. The hole was designed to intercept a conductive body modelled from ground-based TDEM geophysical survey which was expected to lie at roughly 500m down-hole depth. The cause of this prospective conductor is still unknown.

Drill hole KKME 1-11a, the third and final hole of the proof-of-concept drill programme, is located in the Project's Chipso (Gift) Northern Target Area, 1,250m west of 1-14.