

REPORT
ON
THE COOPERATIVE MINERAL EXPLORATION
IN
THE KADOMA AREA
REPUBLIC OF ZIMBABWE
PHASE II

MARCH 1989

JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

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REPORT ON THE COOPERATIVE MINERAL EXPLORATION
IN THE KADOMA AREA, REPUBLIC OF ZIMBABWE

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AREA KADOMA Drill No. C2-1

AREA KADOMA Drill No. C2-2

Geology		Geology		Depth (m)	Column	Rock Name	Description	Alteration	Minerali- zation	Sample No.
Rock Name	Description	Description	Alteration							
Soll				7.5						
Gravel				10						
Do	Weathered Dk Gr. Med Co/Bs			10-20						
Do				20-24.50						
Do	Cts. Absolut Ho. Aggregate			24.50-29.50						
Do				29.50-31.50						
Do				31.50-33.50						
Do				33.50-35.50						
Do				35.50-37.50						
Do				37.50-39.50						
Do				39.50-41.50						
Do				41.50-43.50						
Do				43.50-45.50						
Do				45.50-47.50						
Do				47.50-49.50						
Do				49.50-51.50						
Do				51.50-53.50						
Do				53.50-55.50						
Do				55.50-57.50						
Do				57.50-59.50						
Do				59.50-61.50						
Do				61.50-63.50						
Do				63.50-65.50						
Do				65.50-67.50						
Do				67.50-69.50						
Do				69.50-71.50						
Do				71.50-73.50						
Do				73.50-75.50						
Do				75.50-77.50						
Do				77.50-79.50						
Do				79.50-81.50						
Do				81.50-83.50						
Do				83.50-85.50						
Do				85.50-87.50						
Do				87.50-89.50						
Do				89.50-91.50						
Do				91.50-93.50						
Do				93.50-95.50						
Do				95.50-97.50						
Do				97.50-99.50						
Do				99.50-100.00						

Geology		Geology		Depth (m)	Column	Rock Name	Description	Alteration	Minerali- zation	Sample No.
Rock Name	Description	Description	Alteration							
Soll				7.5						
Gravel				10						
Do	Weathered Dk Gr. Med Co/Bs			10-20						
Do				20-24.50						
Do	Cts. Absolut Ho. Aggregate			24.50-29.50						
Do				29.50-31.50						
Do				31.50-33.50						
Do				33.50-35.50						
Do				35.50-37.50						
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Do				43.50-45.50						
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Do				67.50-69.50						
Do				69.50-71.50						
Do				71.50-73.50						
Do				73.50-75.50						
Do				75.50-77.50						
Do				77.50-79.50						
Do				79.50-81.50						
Do				81.50-83.50						
Do				83.50-85.50						
Do				85.50-87.50						
Do				87.50-89.50						
Do				89.50-91.50						
Do				91.50-93.50						
Do				93.50-95.50						
Do				95.50-97.50						
Do				97.50-99.50						
Do				99.50-100.00						

AREA KADOMA Drill No. E1-3

Depth (m)	Column	Geology			Sample No.
		Rock Name	Description	Alteration	
1.00	Soil				
7.55	Soil				
8.00	Soil				
10	Ad	Weathered Ad			
20	Ad	Slime			
30	Ad	Reddish Brn Weathered Oxidation Zone			
40	Ad		Dark Grn Clay		
50	Ad	2.40° Oz N/W Limestone +Hmt	4750-4900 Argi		1
52.5					2
54.00					3
54.50					4
60	Bs	Dark Bluish Grn Cracked			5
65.56	Op	2.45°			
70	Op	Light Grn Ft. Rhyolitic +Msc. Altered			
76.18	Bs/Ad	2.65°			6
80	Bs/Ad				7
85	Bs/Ad				8
90	Bs/Ad				9
100	Stop				10
					11

AREA KADOMA Drill No. E1-4

Depth (m)	Column	Rock Name	Geology			Sample No.
			Description	Alteration	Mineralization	
1.00	Soil					
2.30	Ad		Slime / Weathered Ad At			
8.00	Slime					
10	Ad					
11.40	Ad					
20	Ad					
24.99	Ad					
30	Ad		2.50°-50° Mineralization Boundary			
40	Ad					
46.75	Ad		02 Yellow Brn. Lim			
50	Ad		Oxidized Reddish Facies			
60	Op		Gr. Ft. Oz. Phenocryst 2-3mm/b +Msc.			
70	Op					
76.64	Bs/Ad		2.40°			
77.70	Bs/Ad		Bk - Grn Gr. Ft. Dis. / Very Fe V			
80	Ad		Weathered Rock			
85.20	Bs/Ad		2.40°			
90	Ad		Fe Grn Gr. Breccia			
100	Stop					

AREA KADOMA Drill No. EI-5

AREA KADOMA Drill No. EI-6

Geology		Depth (m)	Column	Rock Name	Description	Alteration	Mineralization	Sample No.
Rock Name	Description							
Soil	Non Core	10						
Lo		10-20						
Ad	Min (Py) V1 Nlw	30			Argil		①	
BIF?		3270			S. Zone P		②	
P	no-Py, Popphy Py Imp	3400			3530 ~	3480 Min Nlw 3500 Min Nlw 3740 Min Nlw	③	
	Min V=VI Nlw	40			Wairu Clay Alteration	3950 Min Nlw 4000 Min Nlw 4100 Min Nlw	④	
	Shear Zone Partly Gr Altered Ad	45.25			4130		⑤	
		50			4520 4530 4535		⑥	
	Dry Gr Jd Partly Py VI Bc 260°	5305				4930-80 Py Imp Oz VI Nlw	⑦	
		5454				4935 Oz VI 4940	⑧	
		5530				5030 Py Imp 5040	⑨	
		60				5856 Oz VI 5870 Oz VI 5915 Oz VI 5920 Oz VI 5925 Oz VI 5930 Oz VI	⑩	
		70				6900 Oz Gr V 7020 WZcm 250° 7050-65 Py Imp	⑪	
	Bk Detms (med) Ad	80				8217 Oz V 250° 8277-87 Oz Gr 270° 8465 Oz V WZ cm 250°	⑫	
		8540					⑬	
		8730					⑭	
	Py Mineralisation Accompanied with Gr Oz VI Nlw	90				9170-87 Py Imp 9232-37 Py Imp 9300-07 Py Imp 9305-07 Py Imp 9310-07 Py Imp 9315-07 Py Imp 9320-07 Py Imp	⑮	
	Gr Gr Med Ad	100				9830 Py Imp	⑯	
		100					⑰	
		100					⑱	
		100					⑳	
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		100					99	
		100					100	

AREA KADOMA Drill No. E1-9

AREA KADOMA Drill No. E1-10

Depth (m)	Column	Geology			Sample No.
		Rock Name	Description	Alteration	
0-3.28	Soil				
3.28-10	Ad	Laticite		Ad in Part (Wht)	
10-20	Ad	Strong Qt Zone		S	①
20-30	Ad	Red Sm - Gn			
30-35.40	Ad	Pl. Pores Hollow, Pores		Wht. Ad Along Cracks	
35.40-39.85	Ad			Int. VI 250°	
39.85-40	Ad			39.85 Int. NW	②
40-42.00	Ad			39.85-40.00 S+P / Qtz (Hmt)	③
42.00-43.70	Ad			42.00-43.70 Int. V (Hmt)	④
43.70-47.70	Ad			43.70-47.70 Int. V (Hmt)	⑤
47.70-48.50	Ad			47.70-48.50 Int. V (Hmt)	⑥
48.50-50	Ad			48.50-50.00 Int. V (Hmt)	⑦
50-53.60	Ad			50.00-53.60 Int. V (Hmt)	⑧
53.60-56.65	Ad			53.60-56.65 Int. V (Hmt)	⑨
56.65-60.00	Ad			56.65-60.00 Int. V (Hmt)	⑩
60-61.46	Ad			60.00-61.46 Int. V (Hmt)	⑪
61.46-66.85	Ad			61.46-66.85 Int. V (Hmt)	⑫
66.85-74.90	Ad			66.85-74.90 Int. V (Hmt)	⑬
74.90-86.60	Ad			74.90-86.60 Int. V (Hmt)	⑭
86.60-87.15	Ad			86.60-87.15 Int. V (Hmt)	⑮
87.15-93.80	Op			87.15-93.80 Int. V (Hmt)	⑯
93.80-100	Ad			93.80-100 Int. V (Hmt)	⑰
100					Stop

Depth (m)	Column	Geology			Sample No.
		Rock Name	Description	Alteration	
0-3.28	Soil				
3.28-10	Ld	Weathered Rock / Latelite, Box Work of Py Mmoxidation			
10-20	Ld	Pasty Siliceous Argil	White Clay		
20-30	Ld	Laticite Hmt Gln			
30-35.40	Ld	Argil, Wht Pl. Qt. Phenol Res	Oxidized Zone		
35.40-39.85	Ld	Brush Gn Anapalis Lava - Tuff Lenticles			
39.85-40	Ld	Green Gyl			
40-42.00	Ld				
42.00-43.70	Ld				
43.70-47.70	Ld				
47.70-48.50	Ld				
48.50-50	Ld				
50-53.60	Ld				
53.60-56.65	Ld				
56.65-60.00	Ld				
60-61.46	Ld				
61.46-66.85	Ld				
66.85-74.90	Ld				
74.90-86.60	Ld				
86.60-87.15	Ld				
87.15-93.80	Ld				
93.80-100	Ld				
100					Stop

