

## الرمال السوداء في اليمن\*

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

-:

.( )

( )

**1992**

( / )	( / )	( / )	
80-70	4.5	4.5	(%54 )
850-730	560	560	(%95 )
210	900	900	
1200	53	53	) (%55
250 240-180 80-12 400	133	133	

(1)

( )

.

.

( )

20

*-1*

1977

)

.(

( )

*-1-1 -2*

14

48

- 5

69

440-150

10.4

. 35 - 5

-:

. - - -

0.200- 0.100

% 0.46

: ■

% 0.10

: ■

% 0.32

: ■

: ■



:

- . % 0.35 : ■
- . % 0.119 : ■
- . % 0.055 : ■

1.5

( ) -1-4

82

. 600 - 200

-:

- . %0.21 : ■
- . %0.29 : / ■
- . %0.18 : ■
- . %0.04 : ■

430

. % 8 - 6

( ) -1-5

21

:

- . % 0.26 : ■
- . % 0.12 : ■
- . % 0.03 : ■

11

.

-2

32

34

)

.(

( )

-2-1

80

(% 50 - 45)

16

. 20

-:

. 335-112

75

( )

-2-2

65

. 30 500

. 360 - 200

. 1      350.000  
 (      )      -2-3  
      56  
 . 250      5  
 % 45  
 -:

. 1      1.5  
 (      )      -2-4  
      30  
 . 2

1      150      1.5  
 .  
 -:  
 .  
 .  
 .  
 .  
 -  
 -  
 -  
 -



.	-:	.1
. 1995	-:	.2
.	-	.3

1. ROPERSON RESEARCH MINERALS LIMITED (1993) RECONNAISSANCE BEACH SAND PROSPECTING OF THE RED SEA COAST (ALMUKHA TO ALLUHAYYAH) REPUBLIC OF YEMEN. UNITED NATIONS DEPARTMENT OF ECONOMIC AND SOCIAL DEVELOPMENT.
2. HUNTING GEOLOGICAL AND GEOPHYSICS LIMITED (1977), FINAL REPORT INVESTIGATIONS OF ALMUKALLA BEACH SAND
3. MINING POKKETS, US,A (1992)