### **BOTSWANA GEOSCIENCE INSTITUTE**

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	C. M. H. Jennings.	
	Geology of the country around Mahalapye and Machaneng, by	
	R. N. Crockett.	
	Geology of part of the Okwa valley, western Bechuanaland, by	
	R. N. Crockett and C. M. H. Jennings.	

### MINERAL RESOURCES REPORTS

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### BULLETINS

Bulletin	Title & Author	Price
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	Text, Volume 2 charts.	
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33.	The geology of Kanye area, an explanation of Quarter degree sheet2425C, BY: D.T. Aldiss, A.R. Tombale, R.B.M. Mapeo and M. Chiepe with contributions by, J.M. Barton Jr. (1989).	P50.00
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	Botswana, including maps of Quarter Degree Sheets 2127B and D on a scale of 1:125,000, by R.	
	M. Key (1976).	
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	maps of Quarter Degree Sheets 2220A and 2220B on a scale of 1:125,000, by M. Litherland	
	(1982).	

5.	The geology of the area around Gaborone and Lobatse; Kweneng, Kgatleng, Southern and Southeast Districts, Botswana, including maps of Quarter Degree Sheets 2425D and 2525B, by R. M. Key (1983).	P120.00
6.	The Geology of the area around Dibete and Mmamabula - by I.T.Williamson available with maps.	P80.00
7.	The Geology of the Gantsi Ridge by B. Modie	P60.00

# **OTHER REPORTS**

1.	A geological interpretation of Landsat imagery and air photography of Botswana (including a photogeological map of Botswana at a scale of 1:1,000,000), by D. I. J. Mallick, F. Habgood and A. C. Skinner (IGS Overseas Geol. & Min. Res. Report No. 56, 1981).	
2.	G.S. 10 Project-Evaluation of underground water resources of Botswana. Final Report, 1981 (including microfiches of 33 Project Reports), by J. L. Farr, C. S. Cheney, J. H. Baron and R. J. Peart (1981).	P25.00
3.	The petroleum prospects of Botswana (1984).	P10.00
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5.	Mines and Minerals Act, Cap.66.01.	P14.00
6.	Petroleum (Exploration and Production) Act, 1981.	P10.00
7.	Industrial Minerals Botswana, UNDP project DP/UN/BOT-72-029/2, Findings and recommendations, 1977.	P10.00
8.	Report on Geological Survey of the Northeast Area, Northeastern Botswana, Phase I-Geological Survey, Geochemical Survey, Metal Mining Agency of Japan, February 1980 (text and appendices).	
9.	Report on Geological Survey of Northeastern Botswana, Phase II, Metal Mining Agency of Japan, February 1981 (text and appendices).	
10.	Report on Geological Survey of Northeastern Botswana, Phase III, Metal Mining Agency of Japan, February 1982 (text and appendices).	
11.	Report on Geological Survey of Northeastern Botswana, Phase IV, Metal Mining Agency of Japan, February 1983.	
12.	International conference on the role of a national Geological Survey in Sustainable development 23 <sup>rd</sup> -25 <sup>th</sup> June 1998.Abstract Volume	
13.	Coal Exploration Records of Borehole. Volume II 1973 (For 1966)	P50.00
14.	Northwest Ngamiland Regional Soil Geochemical Data with selected maps in digital format (2001) by J.C. Chatupa and B.B. Direng	P82.00
15.	Coal Bed Methane (Digital data)	P82.00 per volume

# HYDROLOGICAL REPORTS

i	Bibliography of hydrogeology in Botswana, 1986 by J. L. Farr, Chr.Neumann-Redlin and G. Gabaake.	
ii	Serowe water supply: groundwater resources study. Final Report (1982) by Chr. Neumann-Redlin and M. Sekwale. CNR/5.82 -MS/11/82, 2 vols.	
iii	The Mochudi groundwater exploration project, 1982-83. Final Report by D. K. Buckley (1983) DKB/4/83.	
iv	The Palapye groundwater exploration project, 1983-84. Final Report, (1984) by Chr. Neumann-Redlin CNR/6/84, 2 vols.	
v	Geological and hydrogeological information from water borehole drilling in Waterberg rocks at	

	Mochudi and Molepolole, 1982-83, by D. K. Buckley, (1984) DKB/6/84.	
vi	Summary of the results of hydrogeological investigations in the Waterberg Supergroup between	
	Molepolole and Mochudi, and assessment of the groundwater potential (1986) SK/2/86.	
vii	Letlhakeng – Botlhapatlou – Evaluation of groundwater resources (project CTB-TB10/2/16/88-89	
	Data + Maps) (BRGM)	
viii	Maun water supply: hydrogeological survey, 1986 BRGM, France 2 vols + maps.	
ix	Toteng-Sehitwa TGLP area – groundwater potential survey TB 10/2/5/90-91 Reports +	
	appendices GEOFLUX 1994.	
х	Hydrogeological survey of the Waterberg Supergroup between Molepolole and Mochudi. BRGM,	
	France (1986) 2 vols + maps + borehole logs.	
xi	Hydrogeological Survey of Transvaal Supergroup dolomite in the Kanye area. Phase I BRGM,	
	France (1986) 2 vols + appendices + maps.	
xii	Kanye dolomite groundwater basin hydrogeological investigation and development project phase	
	II TB 10/1/85 main report. Volume 1.	
xiii	Serowe - Groundwater Resources Evaluation Project, Final Report August 1988 CTB No.	
	10/2/7/84-85 Swedish Geological SGAB International.	
xiv	Mmamabula Groundwater Resources Investigations Phase 1, Contract No. 10/2/14/86-87, Final	
	Report by Aqua Tech Groundwater Consultants (Pty) Ltd in association with WLPU Consultants.	
	Volume 1 - text, Volume 2 - appendices.	
XV	A study of the hydrochemical Facies of Groundwater Southern Africa, MSc. thesis University	
	College of London, September 1987 by Chilisana Marobela.	
xvi	Assessment of the Groundwater Potential of the Waterberg area east of Mochudi (Southeast	
	Botswana) vol. 1: Text Vol. 2. Maps by S. Keller. SK/4/88	

# SMALL SCALE MAPS

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14	Kodibeng	2326A	P30.00	P60.00
15	Lobatse	2525B	P30.00	P60.00
16	Mabuasehube	Sheet 29	P30.00	P60.00
17	Mabule	2524D	P30.00	P60.00
18	Machaneng	2327A	P30.00	P60.00
19	Magogaphate	2128C	P30.00	P60.00
20	Mahalapye	2326B	P30.00	P60.00
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26	Mmathethe	2525A	P30.00	P60.00
27	Mochudi	2426A	P30.00	P60.00
28	Moeng	2227D	P30.00	P60.00
29	Moijabana	2226C	P30.00	P60.00
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31	Molepolole	2425B	P30.00	P60.00
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39	Phikwe	2127D	P30.00	P60.00
40	Phitshane	2525C and 2525D	P30.00	P60.00
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ii	Industrial Minerals Map – Serowe-Palapye-Mahalapye area. Scale: 1:250 000 (1986) By R. Kreimeyer	P30.00
iii	Industrial Minerals Map of Northeastern Botswana, scale 1:250 000 (1988) by R. Kreimeyer	P30.00
iv	Industrial Minerals Map of Selibe-Bobonong-Tsetsebjwe-Moeng and Sherwood areas, Scale: 1:250 000 (1996) by M. Ntsimanyana	P30.00

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2.	Structural map of Quarter Degree Sheet 2027, 1:250,000.	P20.00
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		<b>PDF</b> =P60.00
		Digital=P100.00

# GEOPHYSICAL MAPS AND REPORTS

	Reconnaissance Aeromagnetic Survey of Botswana		
	Reconnaissance Aeromagnetic Survey of Botswana, 1975 – 1977, Technical Report. Terra		
	Surveys. Sponsored by the Canadian International Development Agency.		
	Interpretation of the Reconnaissance Aeromagnetic Survey of Botswana, Final Report, by C.V.		
	Reeves, Patterson Grant and Watson Ltd, September 1978 (including report and catalogue of data,		
	maps sold separately).		
	(i) Individual map sheets:		
1.	aeromagnetic contours at 1:500,000 scale (10 sheets)		
2.	aeromagnetic profiles at 1:500,000 scale (10 sheets)		

3.	Surficial and basement interpretation maps at 1:250 000 scale (35 sheets).	
4.	Basement interpretation maps at 1:500 000 scale (8 sheets).	
5.	Superficial interpretation maps at 1:500 000 scale (8 sheets).	
6.	Synoptic interpretation map at 1:1,000,000 scale (2 sheets).	P40.00
	Airborne Magnetic Survey of Eastern Botswana	
1.	Airborne Magnetic Survey of Eastern Botswana, sponsored by the European Economic	
	Community.	
2.	Airborne Magnetic Survey of Eastern Botswana – Final technical report, by Geosurvey	
	International GMBH, July 1986.	
3.	Report, Interpretation of the Airborne Magnetic Survey of Eastern Botswana, by Prakla-Seismos	
	AG and Stolberg Ingenieurberatung GMBH, July 1987.	
	(ii) Individual map sheets:	
1.	Aeromagnetic profiles at 1:125,000 scale (35 sheets)	
2.	Magnetic interpretation at 1:125,000 scale (35 sheets)	
3.	Aeromagnetic contours at 1:250,000 scale (8 sheets)	
4.	Magnetic interpretation at 1:250,000 scale (8 sheets)	
5.	Magnetic Anomaly Map of Eastern Botswana (colour) at 1:1,000,000 scale.	P50.00
Air	borne electromagnetic and magnetic survey in the Magogaphate area, eastern Botswana	•
	Airborne electromagnetic and magnetic survey in the Magogaphate area, eastern Botswana,	
	sponsored by the European Economic Community; Final report by Compagnie Générale de	
	Géophysique, September-November 1989 (7 volumes and map roll including interpretation report,	
	198 blueline maps and 33 colour maps)	
	(iii) Individual map sheets:	
1.	Photomosaic base at 1:125,000 scale (33 sheets)	
2	Aeromagnetic contours at 1:125.000 scale (33 sheets)	
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3.	Aeromagnetic profiles at 1:125,000 scale (33 sheets)	
4.	Electromagnetic anomalies at 1:125,000 scale (33 sheets)	
5.	Aeromagnetic contours and EM anomalies at 1:125,000 scale (33sheets)	
6.	Interpretation at 1:125,000 scale (33 sheets)	
7.	Tau-Amplitude colour profiles at 1:125,000 scale (33 sheets)	

# **REGIONAL GEOPHYSICAL MAPS**

1.	High Resolution Aeromagnetic colour map, at 1:125,000 scale	

### Molopo Farms Project - 1984

1.	Aeromagnetic Maps – Molopo Farms Project scale: 1:250,000.	
2.	Bouguer Gravity Maps – Molopo Farms Project scale: 1:250 000.	
3.	Station elevation map – Molopo Farms Project scale 1:250,000.	

### Molopo Farms Project - 2006

1.	Bouguer Gravity Maps – Molopo Farms Project scale: 1:250 000.	
2.	Station elevation map – Molopo Farms Project scale 1:250,000.	

### **Geophysical Interpretation maps**

	WESTERN NGAMILAND PROJECT MAPS				
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### **BOTSWANA GEOSCIENTISTS ASSOCIATION PUBLICATIONS**

Botswana Journal of Earth Sciences, Vol. 1, April 1991. Seminar on Mineral Policy in 1. For consultation Botswana, February 1988, BGA Special Publication No. 1, edited by N. P. Lock. only

PETROLEUM EXPLORATION PACKAGE

With the assistance of Petro-Canada International Assistance Corporation and the European Economic Community, an integrated hydrocarbon exploration program was undertaken from 1987 to 1990 in the Nosop-Ncojane and Passarge sedimentary basins in western Botswana. The programme included 1123 km of reconnaissance reflection seismic, regional gravity and magnetotelluric data and culminated with the drilling of a 4000 m borehole in the Nosop area.

1	Interpretation of the results of stratigraphic well Masetlheng Pan-1 in the Nosop-Ncojane	P200.00
	Basin of southwest Botswana; by Stoakes- Campbell Geoconsulting and Boyd Exploration	
	Consultants.	

2	The biostratigraphy of the GSD-PCIAC Masetlheng Pan-1 well Botswana, report by G.	P50.00
	Dolby & Associates.	
3	Petrophysical Report on the PCIAC-GSD Masetlheng Pan-1 Well, Botswana, by P. Kubica, PCIAC.	P50.00
4	Potassium-Argon dating of seven samples from PCIAC-GSD Masetlheng Pan-1 Well,	P100.00
_	Botswana.	<b>D5</b> 0.00
5	Petrographic analysis of core, sidewall core, and cutting samples from Masellheng Pan-1, Botswana, by Altamonte Resources (1978) Ltd and PCIAC.	P50.00
6	Photographs of core from GSD-PCIAC Masetlheng Pan-1 Well, Agat Laboratories.	View only
7	QC report on the VSP survey in the well Masetlheng Pan-1 on behalf of PCIAC and SSD, by W. G. McDowall, GSD.	P20.00
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13	Interpretation of gravity, magnetic and MT sounding data, by Compagnie Générale de Géophysique	P10.00
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15	GSD-PCIAC Masetlheng Pan Specific Well Program and Geological prognosis	
16	Hydrocarbon Exploration: Summary of Interpretation of the PetroCanada Seismic Survey 1988 in the Passarge Basin, Central Kalahari. (Including a brief comparison between basin	
	geometry, tectonic style and petroleum geological plays and basement features in the Ncojane-Nosop Basin, SW-Kalahari Botswana.	
17	Comments on the Oil and Gas Stratigraphic Drilling Project and Assessment of the Hydrocarbon prospecting of the Nosop-Ncojane in the Kalahari of SW Botswana (K. Hiller. BGR.	
18	Oil and Gas Stratigraphic drilling project initial Review report February 1996. ,Acc No.: DGS-REP-2025-1 ,Class No.: Gc 89/1/1 ,Author(s): Quad Consulting limited , ,Year of Publication: 1996 ,Publisher: Quad Consulting limited	
19	Data Review and Well Siting Study for the Botswana Kalahari Karoo Basin Area Coalbed Methane Project.(Task 1 and Task 2).February 2002. ,Acc No.: DGS-REP-2342-1 ,Class No.: Gc 154/2/1 ,Author(s): Advanced Resources International , Inc ,Year of Publication: 2002 ,Publisher: Advanced Resources International, Inc	
20	Petroleum Potential of the Nama Basin in the Republic of Botswana. April 2007, Acc No.: DGS-REP-5040-1, Class No.: GC 173/1/1a, Author(s): Japan Oil Gas and Metals National Corporation, ,Year of Publication: 2007, Publisher: Japan Oil Gas and Metals National Corporation	

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