



ETHIOPIA - FRANCE COOPERATIVE PROGRAM
WABI SHEBELLE SURVEY

IN COLLABORATION WITH
 NATIONAL WATER RESOURCES COMMISSION

BCEOM_ORSTOM.EDF
 IGN_BDPA

FRENCH MINISTRY OF FOREIGN AFFAIRS

IV
GEOLOGICAL MAP OF OGADEN

GODE

APRIL 1974
 MAP N°5

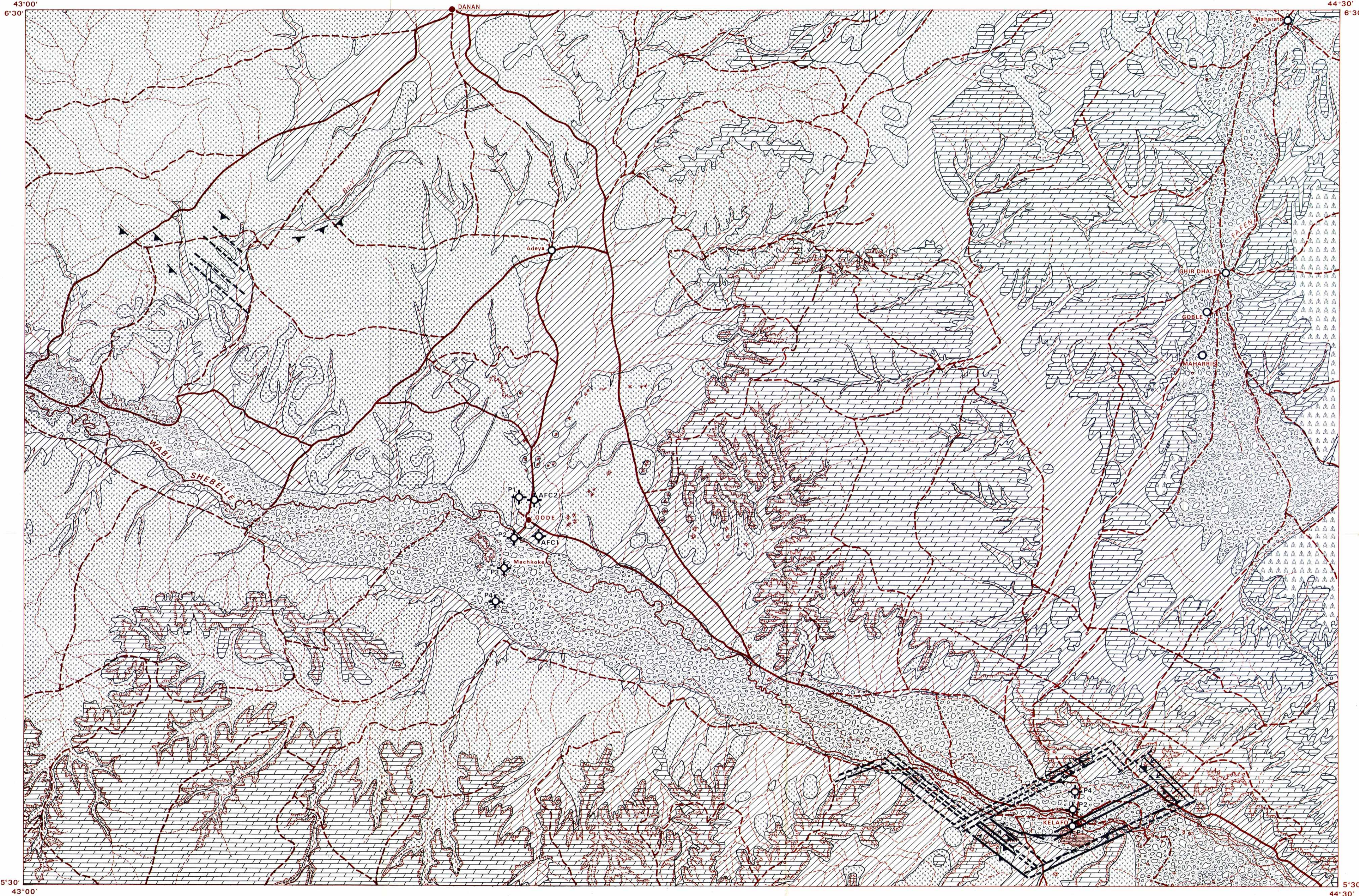


QUATERNARY
 QUATÉNAIRE

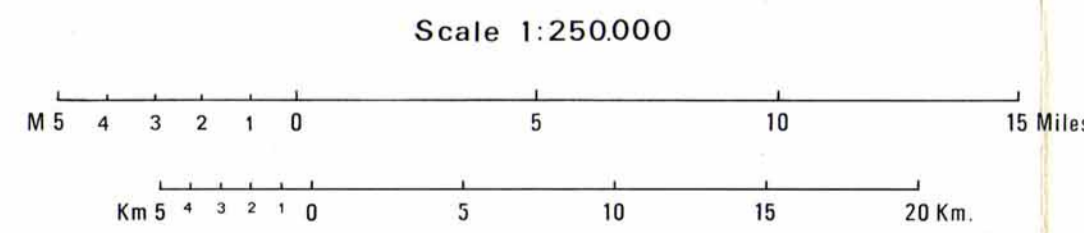
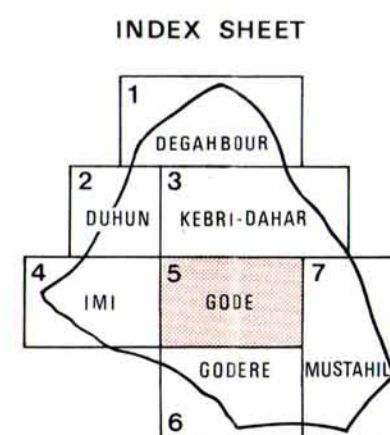
TERTIARY
 TERTIAIRE

SECONDARY
 SECONDAIRE

Recent local deposits - alluvial, colluvial and slope deposits; sands, silts, clay. <i>Dépôts récents locaux - alluviaux, colluviaux, dépôt de pentes; sables, limons, argiles.</i>	
Alluvial deposits of great rivers (WABI-SHEBELLE, FAFEN, JERER), gravels, sands, silts. <i>Alluvions des grands cours d'eau (WABI-SHEBELLE, FAFEN, JERER) graviers, sables, limons.</i>	
Intrusive olivine basalts <i>Basaltes intrusifs à oléine</i>	
Senonian <i>Sénonien</i>	
Upper Cretaceous <i>Crétacé supérieur</i>	
Turonian <i>Turonien</i>	
Cenomanian <i>Cénomannien</i>	
Lower Cretaceous <i>Crétacé inférieur</i>	
Barremian <i>Barémien</i>	
Albian <i>Albien</i>	
Neocomian <i>Néocomien</i>	
Upper Jurassic <i>Jurassique supérieur</i>	
Portlandian <i>Portlandien</i>	
Kimmeridgian <i>Kimmeridgien</i>	
Geological contact line <i>Contour géologique</i>	
Fault <i>Faülte</i>	
Uncertain fault <i>Faülte hypothétique</i>	
Axis of syncline <i>Axe de synclinal</i>	
Axis of anticline <i>Axe d'anticlinal</i>	
Strike and dip <i>Direction et pendage</i>	
Dug well <i>Puits creusé</i>	
Drilled well <i>Puits foré</i>	



Planimetric map based on the provisional sketches at approximately 1:100000 and using the map at 1:500000 established by the WAR OFFICE (EAST AFRICA, 1946).
 Drafted in 1969 by the NATIONAL WATER RESOURCES COMMISSION WABI SHEBELLE SURVEY.
 Fond planimétrique établi d'après les esquisses provisoires au 1:100000 environ appuyées sur la carte au 1:500000 du WAR OFFICE EAST AFRICA (1946).
 Exécuté en 1969 au NATIONAL WATER RESOURCES COMMISSION. ETUDE DU WABI SHEBELLE.



This map has been established by D. BAUDUIN, with the collaboration of G. RICHE, J.C. JULIEN (ORSTOM scientists), Abere WAKIIRE and Tewolde SOLOMON; G. CASTANY (BRGM) acting as a consultant.
 Cette carte a été dressée par D. BAUDUIN, avec la collaboration de G. RICHE, J.C. JULIEN (chercheurs ORSTOM), Abere WAKIIRE et Tewolde SOLOMON; G. CASTANY (BRGM) étant consultant.
 Documents and sources: P. MOHR. Geologia of Ethiopia DANIELLI Geologia dell' Africa Orientale
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 Reports from: Ethiopian Ministry of mines and Water Resources Department
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Town, important village, administrative center <i>Ville, village important, centre administratif</i>		Permanent river <i>Rivière permanente</i>	
Small village <i>Petit village</i>		Temporary river, thalweg, flow trace <i>Rivière temporaire, thalweg, trace d'écoulement</i>	
Main road or trail <i>Route ou piste principale</i>		Lake, water plane <i>Lac plan d'eau</i>	
Secondary trail <i>Piste secondaire</i>		Important hill summit <i>Sommet important</i>	
Foot trail, trail <i>Piste à pied, sentier</i>		Small isolated hill summit <i>Petit sommet isolé</i>	
Limit of study zone <i>Limite de l'étude</i>		Cliff, rocky escarpment, plateau boundary <i>Falaise, escarpement rocheux, limite de plateau</i>	