

2.0 INTRODUCTION AND TERMS OF REFERENCE

2.1 *Terms of Reference*

Pincock, Allen & Holt (PAH) was retained by Geovic Mining Corp. (Geovic), to prepare a Technical Report (TR) in accordance with Canadian National Instrument 43-101 for the Nkamouna project in southeastern Cameroon based on the recently completed Feasibility Study. The Final Feasibility Study (FFS) report was prepared by Washington Group International (WGI) in November 2007. PAH was subcontracted by WGI to prepare the geologic model, mine model, mineral resource, mineable reserves, mine plans, and economic evaluation for the FFS. Since mid-1994, Geovic initiated prospecting activities in the Republic of Cameroon that led to application for a Prospecting Permit, which was granted to Geovic through its majority-owned subsidiary Geovic Cameroon S.A. (GeoCam) on April 25, 1995, for a total coverage of 19,600 square kilometers. On April 11, 2003, the Government decreed a 1,250 square-kilometer Mine Permit. In the year 2000, Geovic commissioned a regional Environmental Impact Assessment by URS-Greiner-Woodward Clyde for the permitted area, and subsequently starting in 2004, the consulting firm Knight Piesold (KP) performed a site specific Environmental and Social Impact Assessment of the Nkamouna area. PAH reviewed all relevant data supplied by Geovic, WGI, KP and conducted a site examination in August 2004, and August 2006.

PAH's scope of work included estimation of resources and reserves and development of a Pre-Feasibility Study (PFS) for the Nkamouna Cobalt Project in 2006. PAH also prepared the estimation of resources and reserves for the FFS as a subcontractor to WGI. Project economics were developed as support for the resources to classify them as reserves at Nkamouna.

Personnel assigned for this technical report includes the following:

- Richard Lambert, P.E. – VP, Mine Engineering and Geological Services, and Project Manager
- Alan C. Noble, P.E. – Associate Geostatistician
- Other PAH personnel as required

2.2 *Purpose of the Technical Report*

Preparation of this Technical Report (TR) for Geovic by PAH included a site visit to review the Project current status, and observe environmental and infrastructural conditions. This TR is completed to meet the requirements of Canada National Instrument 43-101.

2.3 *Sources of Information*

Technical information for the Geovic Project, including data for Nkamouna was provided by Geovic to PAH, and it consisted of data collected by Geovic's personnel during their exploration efforts. Data

supplied to PAH included reports by some of the following firms and consultants, which have been involved, at various phases, with the Project's investigation:

- Interim Environmental Assessment Report, URS-Woodward and Clyde, November 2000.
- Prefeasibility Estimate Study, Bateman Engineering, Inc., August 2003.
- Preliminary Ore Reserves, Mine Schedule and Plan, Mintec, Inc., August 2003.
- Metallurgical Testing and Studies, Metcon Research, August 2003.
- GeoAid Social-Humanitarian Program, Geovic, September 2003.
- Draft Environmental and Social Impact Assessment (ESIA) and Draft Environmental and Social Action Plan (ESAP) for the Nkamouna area, Knight Piesold, 2004.
- Engineering studies and settling testing by Knight Piesold, 2004 through 2005.
- Metallurgical Testing by Mountain States Research & Development Inc. (MSRDI), 2003 through 2005.
- Prefeasibility Study of the Process Plant, Hazen Research Inc., 2004.
- Metallurgical Testing by Hazen Research, 2004.
- Tailings Repository Design for the Nkamouna Project, Knight Piesold, 2006.
- Tailings settling tests and analysis by Pocock International (2004), MSRDI 2004 and Dorr Oliver Eimco 2005.
- Nkamouna Prefeasibility Study, Pincock, Allen & Holt, Inc., March 2006.
- Nkamouna Pit Stability Analysis, Knight Piesold, June 2007.
- Reclamation Cost Estimate, Knight Piesold, October 2007.
- Final Feasibility Study Report, Washington Group International, November 2007.

Most of the technical investigations developed by Geovic for the Nkamouna property have been assigned to reputable contractors and consultants, including activities for exploration, environmental and socio-humanitarian works.

2.4 **Site Visit**

Preparation of this Technical Report for Geovic by PAH included a site visit to review the project's current status and present infrastructure conditions. The original site visit was performed from August 29 to September 7, 2004. A second site visit was made by Richard J. Lambert, P.E., PAH's Vice President of Mining and Geologic Services, and Ross Conner, Senior Environmental Geologist from August 11 - 13, 2006.

2.5 **Terms and Definitions**

Unless otherwise stated, Dollars are United States Dollars, and weights are in metric tonnes of 2,204.6 pounds.

CFA is the abbreviation for the Central Africa CFA franc (XAF), where CFA stands for *Coopération financière en Afrique centrale* or, in English, Financial Cooperation in Central Africa. It currently has a fixed rate compared to the euro (€) where 1 euro = 655.957 CFA francs.

It is issued by the BEAC (Banque des États de l'Afrique Centrale or Bank of the Central African States), located in Yaounde, Cameroon, for the 6 countries of the CEMAC (Communauté Économique et Monétaire de l'Afrique Centrale, or Economic and Monetary Community of Central Africa), including: Cameroon, Central African Republic, Chad, Republic of the Congo, Equatorial Guinea, and Gabon.

The following abbreviations are used in this report:

<u>Abbreviation</u>	<u>Unit or Term</u>
ASTM	American Society for Testing and Materials
CFA	Central Africa Franc
CHP	Combined Heat Power plant
IRR	Internal Rate of Return
k	Thousands
kcal	Kilocalories
kg	Kilograms
km	Kilometer
KP	Knight Piesold
mtpy	Million tonnes per year
MRP	Metal Recovery Plant
NPV	Net Present Value
PAH	Pincock, Allen & Holt
PUG	Physical Upgrade Plant
%	Percent by weight
T or t	Metric Tonne (2,204 lbs)
tpa	Tonnes per annum
tpy	Tonnes per year

tpd	Tonnes per day
US\$	United States Dollars
WGI	Washington Group International