REPUBLIC OF THE PHILIPPINES) HANDALUYONG, METRO MANILA) S.S.

SECRETARY'S CERTIFICATE

t, SOLRDAD M. CAGAMPANG-DE CASTRO, being the duly elected Corporate Secretary of BENGUET CORPORATION, a corporation duly organized and existing in accordance with Philippine laws, with principal office at Benguet Centre, No. 12 San Miguel Avenue, Mandaluyong, Metro Hanila, DO HEREBY CERTIFY: That the Board of Directors, in its regular meeting held on March 12, 1991, approved and adopted the following resolution granting the following SPECIAL POWER OF ATTORNEY, to wit:

"RKSOLVED, That the President of Company, the Executive Vice President, Senior Vice President/Vice President Exploration and Development and/or Hanager of BOLCO PROJECT and/or Canaral such manager as may be designated in writing by the foregoing offiners, be, as they hereby are, authorized to execute, sign and file for and in behalf of Benguet Corp., the Mineral Production Sharing Agreements (MPSA), as well as all other documents required in connection therewith such as: declarations of location; applications for order of survey and lease or assignments; applications prospecting/exploration/mines temporary permits and other permits for the said claims or any other document or documents that may be necessary or required in connection with such applications; to prospect for, locate, stake and register mineral claims; to perform annual assessment work over the claims owned by the Company and those mineral claims held by the Company under operating or royalty agreements and do any such acts as may be required to perfect the Company's rights over mining claims located anywhere in the provinces under the jurisdiction of Mines and Geo-Sciences Bureau Region No. 1X and its respective Mineral District Offices particularly in the Provinces of BASILAN, SULU. TAWI-TAWI, ZAMBOANGA DEL SUR and ZAHBOANGA DEL NORTE".

attorneys full power and authority to do and perform all and every act and thing whatsoever requisite and necessary to be done and about the premises, as fully to all intents and purposes, as it might or could do if personally represented by its officers thereunto duly authorized to act, hereby ratifying and confirming all that the said done by virtue of these presents.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Corporation on this My day of Manch 1981 at Mandaluyong, Metro Manila.

SOLEDAD W. CAGAMPANG-DR CASTRO

SUBSCRIBED AND SWORN TO BEFORE ME on this Aday of March 1991 at Mandaluyong, Metro Manila, affiant exhibited to me her Residence Certificate No. 1840965UK issued on January 17, 1991 at Makati, Metro Manila.

Doc. No. 133; Page No. 27; Book No. 7; Series of 1991.

> icaa/bcocs(2) cert.r-9

MICHAEL C. CHAVEZ
NOTARY PUBLIC
UNTIL DECEMBER 31, 1992
PTR # 830163
ISSUED ON JAN. 10, 1991

Mining Region No.

instruments was filed for second in this Office at I o'clock and I minutes I m on the IM day of APRIL A.D. 19 91 and has been recorded in Book No. 21 of the Becords of MC-DOCUMENTS of this Region, on pages 59

filing fee paid under Official Receipt No. 2894274

dated APIC 14, 19 91 in the amount of F & 120

DALIO-BETATIOZA FOIC, RYD-MEDS

BENGUET CORPORATION

CANATUAN GOLD PROJECT

Siocon, Zamboanga del Norte

PROPOSED TWO-YEAR EXPLORATION WORK PROGRAM

NAME AND ADDRESS OF COMPANY/PROPONENT:

Benguet Corporation with postal address at #12 San Miguel Avenue, Mandaluyong City, Metro Manila as OPERATOR for and on behalf of Ramon V. Bosque, Claimowner.

LOCATION OF PROJECT:

The Canatuan Gold Project is located close to the western coast of Mindanao more specifically situated in Sitio Canatuan. Barangay Tabayo, Municipality of Siocon, Province of Zamboanga del Norte, Philippines. It is bounded by Latitudes 7° 43' 30" to 7° 44' 30" N and Longitude 122° 16' 00" to 122° 18' 00" E, more or less.

AREA OR SIZE OF COVERAGE:

The Project is composed of six (6) contiguous meridional block applied for MPSA by Ramon V. Bosque with a total land area of 508.3396 hectares as per actual transit survey.

DESCRIPTION OF PROJECT AREA:

The topography of the project area is characterized by steep-crested hills and deeply incised valleys. It is accessible from Zamboanga City to R.T. Lim which is about 120 road kilomoteres via Highway 14, thence through 45 km long old logging road leading to the project site. The tributaries form dendritic pattern which largely flows south to southeasterly to the main Litoban River which flows westerly to Siocon Bay. The area was previously logged-over both by commercial logging and local residents. In addition to sparse second growth trees, patches of kaingin farms with upland rice,

rootcrops and bananas cover the rolling terrains and flat areas.

DESCRIPTION OF EXPLORATION PROGRAM:

A. Research Work

* Between May and September 1991, Benguet Corporation conducted preliminary field verification, followed by mapping and sampling of some of the excavations of small scale miners. Results indicated favorable gold mineralization which suggested further systematic geological investigation.

B. Reconnaissance/Regional Survey/Studies

* The initial information gathered from the excavations done by the small scale miners will be a good background. As such, reconnaissance or regional survey/studies will not be necessary. Thus, fieldwork will be initiated immediately with semi-detailed survey or follow-up studies then subsequently followed by detailed survey or studies.

C. Semi-detailed Survey/Follow-Up Studies

- * Semi-detailed mapping/alteration studies will be conducted over the entire 508.3369 hectares for a period of three (3) months covering the tributaries, road cuts, trails, stream sediment, pan- con and rock sampling involving 18 men and staff with an estimated cost of P198,150.00. The information gathered will be consolidated into a 1:10.000 scale map showing lithology, structural controls, alterations and mineralization which will be utilized to plan targets for detailed geological mapping and sub-surface programs.
- Geophysical Survey will be undertaken by utilizing the Time Domain Electro-Magnetic (TDEM) and Magnetometer applications along 4000 lineal meters. This activity will be contracted by McPhar/other Laboratories with a budget of P500,000.00. The resulting data will produce maps/graphs showing the conductivity, resistivity, magnetic susceptibility of the available metals and/or elements, contour and profile

ALL MY

maps, which will be used in planning programs for subsurface investigations.

* Sub-surface Investigation will initially involve the mapping and sampling of shafts and adits excavated by the small scale miners numbering to about 50 openings with about 300 meters aggregate length/depth. Approximate channel samples to be collected will be about 600 bags which will be assayed for Gold by fire assay and Ag, Cu, Pb, Zn, As by AAS method. This undertaking will be done by the same manpower (9 men) as earlier established in Geological Mapping for an approximate duration of three (3) months with a cost of about P198,150.00.

D. Topographic Survey

* Topographic Survey will be initially undertaken over an area of 1.5 km by 1.0 km or 150 hectares and establish a base map of scale 1:2000 with 5 meter contour intervals. This activity will involve 6 men with an estimated budget of P230,000.00 for a seven (7) month period.

DETAILED SURVEY STUDIES

- * Detailed Geological Mapping will be conducted with Compass-tape traverses over the identified "economic zone" area encompassing the tributaries, road cuts/access trails, with emphasis on the structural controls, lithology, alterations and mineralization utilizing 1:500 scale field maps and transposed into 1:2000 base maps. Based on the small scale miners operations the "economic" zone is about 150 hectares where activities will last for about 12 months supported by 9 men with an estimated budget of P792,600.00. Maps to be produced will show lithology, alterations mineralized and ore zones.
- * Destailed Geochemical survey will be applied over an approximate area of 1.5 km X 1.0 km or 150 hectares at 50 m X 100 m grid where some 300 soil samples will be collected. Gold and silver assays will be by fire assay and Cu, Pb, Zn, As, Sb and Hg will be analyzed by AAS. This activity will be complemented by 5 men over a period of two (2) months

Mr.

with an estimated cost of P75,000.00. The results will be translated into 1:2000 scale maps showing anomalous zones and isograd maps per element.

Sub-surface investigation will utilize diamond drilling (coring) initially with 18 holes with a total length of 750 meters and completed in two (2) months period. Some 150 sludge samples and about 100 core samples is expected to be collected. Estimated cost is about P1,875,000.00. In addition, about 50 test pits has been programmed to test certain anomalous zones with an aggregate depth of 300 meters which is projected to be completed in about 3.5 months with an estimated cost of P140,000.00

Total Estimated Exploration Cost:

GRAND TOTAL	6,316,050.00
Year 2	3,560,430.00
Year 1	2,755,620.00

Schedule of Activities (Gantt Chart) is herewith enclosed. Map attachments include topographic map scale 1:10,000 showing proposed grid geochem soil sample location, test pit location and diamond drill holes location maps.

EDUARDO M. AUSTRIA Geologist Lic. 205

PTR No. 439871 Dated: 02-27-96

CANATUAN GOLD PROJECT

SUMMARY OF COST ESTIMATES

MODILIZATION		
MOBILIZATION		P100,000.00
CAMP CONSTRUCTION		200,000.00
REPAIR/MAINTENANCE OF ROADWAYS/BRIDGES		150,000.00
GEOLOGICAL MAPPING		1,188,900.00
* SEMI-DETAILED * SUB-SURFACE * DETAILED	3 months P 198,150.00 3 months 198,150.00 12 mons. 792,600.00	
SURVEY WORKS		230,000.00
GEOCHEMICAL SURVEY		75,000.00
GEOPHYSICAL SURVEY		
TEST PITTING		500,000.00
		140,000.00
SAMPLING/TEST PIT LOGGING		445,850.00
DIAMOND DRILLING		1,875,000.00
SAMPLE PREP/ASSAYING		315,300.00
METALLURGICAL TESTING		150,000.00
REPORT WRITING/ DATA EVALUATION:		96,000.00
FEASIBILITY STUDY		250,000.00
EVALUATION		
OTHERS		100,000.00
FOOD ALLOWANCE TOOLS & IMPLEMENTS	P 500,000.00 150,000.00	500,000.00
GRAND TOTAL		P6,316,050.00
		7

======

JUHA M

	I WO-YEAR EXPLORATION WORK PROGRAM CANATUAN GOLD PROJECT SIOCON, ZAMBOANGA DEL NORTE, MINDANAO	
ACTIVITY		
	12 13 14 15 16 17 18 10 20 24 22 22	m
10BILIZATION		(P 000)
AMP CONSTRUCTION	200 000	P 100.00
EPAIR/MAINTENANCE OF ROADWAYS, BRIDGES	150,000	200.00
EOLOGICAL MAPPING	108 150	150.00
URVEY WORKS	007,000	1,188.90
EOCHEMICAL SURVEY	131,430 98,570	230.00
EOPHYSICAL SURVEY	000,62	75.00
EST PITTING	THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN	500.00
AMPLING / TEST PIT LOGGING	80,000 60,000	140.00
AMOND DRILLING	253,050	445.85
	1,875,000	1,875.00
TALLIBOIDAL TESTINO	165,590	315.30
SOLD TO THE STATE OF THE STATE		150.00
ASIBILITY STUDY	24,000	96.00
ALUATION	250,000	250.00
HERS	340,000	100.00
		500.00
	3,560,430,0	



B U D G E (P 000) P 100.00 200.00 200.00 1,188.90 1,188.90 230.00 230.00 1,1875.00 1,50.00 1,00.00 1,00.00		TWO-YEAR EXPLORATION WORK PROGRAM CANATUAN GOLD PROJECT SIOCON, ZAMBOANGA DEL NORTE, MINDANAO	
	A C T V T Y	I L N	BUDGET
		2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	
	OBILIZATION		P 100.00
	AMP CONSTRUCTION		200.00
	EPAIR/MAINTENANCE OF ROADWAYS, BRIDGES		150.00
	FOLOGICAL MAPPING		1,188.90
	JRVEY WORKS		230.00
	SOCHEMICAL SURVEY		75.00
	SOPHYSICAL SURVEY		500.00
	ST PITTING		140.00
	MPLING / TEST.PIT.LOGGING		445.85
	AMOND DRILLING		1,875.00
	MPLE PREP / ASSAYING		315.30
	ETALLURGICAL TESTING		150.00
	PORT WRITING / DATA EVALUATION		96.00
	ASIBILITY STUDY		250.00
	ALUATION		100.00
- C -	HERS		500.00
1		GRAND TOTAL	P 6,316.05



I. Environmental Aspect

- A. Review of Proposed Exploration Program (Two Years)
 - 1. Phase 1 Geological Mapping along roads and trails and Test Pitting (460 pits 1 m x 1 m x 6 m, at 200 m interval) within an area of 1,695 ha.
 - 2. Phase 2 Continue Test Pitting (1,560 pits at 50 m interval) with closer interval within an area of 400 ha. (25% of exploration area).
 - Note: Other activities for Phases 1 and 2 include traverse surveying, brush cutting and putting up temporary camp to accommodate about ten (10)
 - 3. Phase 3 Metallurgical Testing and Feasibility Study
- B. Project Cutputs Due to Exploration Activities
 - 1. Test Pitting Each test pit that will be excavated down to 6 m deep will loosen about 6 m³ of soil. This excavated soil will be piled-up just beside the test pit.
 - 2. Geological Mapping, traverse survey and brush cutting will not in anyway involve significant/substantial environmental adverse effect.
- C. Waste Disposal
 - 1. Excavated six (6) m³ soil from test pit. This amount of soil will be backfilled in each pit sampling.
- P. Environmental Protection and Rehabilitation Cost
 - 1. Backfilling Activities
 - a. Phase 1 P 16,500.00
 - b. Phase 2 P 55,200.00 Total P 71,700.00

Prepared by: .

RAUL D. REQUIRRO
Environmental Manager
CHQ + Benguet Corporation