



iTSCi Mine Baseline Study: SAMPLE MINE, DRC

Instructions to researchers: <ol style="list-style-type: none"> 1. Present the project and its objectives 2. Reassure the interviewees of the confidentiality of the information they provide 3. Triangulate information to ensure accuracy 4. Keep the interview sheet clean and dry 5. Do not share this baseline study with anyone outside your iTSCi team 6. Send the completed form to your Project Manager within three days 	Date : September 2011 Province : Katanga Territoire : Malemba Nkulu District : Haut Lomami Mine name : MULUMBI Concession number : 1000 Concession owner : Mining Company X Type of permit and status : PR GPS of mine centre / camp : S 06°56'32.4'' E 025°15'22.4'' Altitude 615m
---	---

NOTES:

Mulumbi is a fictitious mine created for the purposes of showing how the iTSCi baseline study works. iTSCi team members visit the site and spend time with the various actors to collect the necessary information to enable a decision to be made as to whether or not we can work in that mine.

Typically, in this section, a 'thumbnail' description of the mine may be given including details such as:

- It is 20km from the Malemba Nkulu town;
- The artisanal miners are working in old exploration shafts from a colonial mining company;
- The mine has been dormant for some time but work re-started there six months ago; etc.

Artisanal mining : ✓	Semi-industrial mining :	Industrial mining :
-----------------------------	---------------------------------	----------------------------

Buyers present on the site

Buyers	Price by weight and grade	Methods of transport	Destination
Independent négociant JEROME	6.50 US\$ per kg for approximately 58%	Motorbike to town ; Vehicle to point of export	Malemba Nkulu; Lubumbashi
Buyer NYEMBO for Company X	6.00 US\$ per kg for approximately 58%	Vehicle	Lubumbashi

Cooperatives / associations at the site

Cooperative/association	Number of members	Name of person in charge	Contact
CCMMK	60	Fabrice	+243998579623

State agents present on the site (SAESSCAM, Div.Mines, ANR, others)

Name of service	Number of agents	Permanent/ on mission	Senior representative on site	Contact of senior representative
Div. Mines	5 agents	3 permanent	Mukuna Kaswalumu	+243997382255
SAESSCAM	12 agents	8 permanent	Innocent Kitumbu	+243991376376/+243815450967
PMH	8 agents	4 permanent	Patrice Mulumba	+243990468854
ANR	2 agents	2 on mission	Fabrice KITUMBU	

Production statistics								
Number of mine sites: 3 (Ciel Ouvert ; Kilo; Bukengazi).		Grade	Daily production (kg)	Monthly production 2011 (kg)	Annual production 2010 (kg)	Annual production 2009 (kg)	Annual production 2008 (kg)	
Number of artisanal miners : 800	Cassiterite	65%	980 kg	25,480 kg	-	-	-	
Number of washers : 230	Coltan	25%	80 kg	2,080 kg	-	-	-	
Number of other mine workers : 170	Wolframite	-	-	-	-	-	-	
Number of transporters : Unknown	Total		1,060 kg	27,560 kg	-	-	-	
Mine development plan								
There is no development plan at present. This mine has only recently re-started operations. However it is already very productive and growing rapidly so increases in recorded production are justifiable and plausible.								
Details of each mine site								
Name of site/pits	Minerals	GPS	Pit Owner	Number of miners	Number of teams	Daily production (kg)	Monthly production (kg)	Annual production (kg)
Ciel Ouvert	Cassiterite and Coltan	S 06°52'28.3" E025°11'55.5" Altitude 650m	Bondo wa Nkulu	420	55	480Kg	12,480 kg	Approx 150 tonnes
Kilo	Cassiterite and Coltan	S 06°54'20.4" E025°13'34.0" Altitude 684m	Bondo wa Nkulu	230	25	350kg	9,100 kg	Approx 110 tonnes
Bukengazi	Cassiterite and Coltan	S 06°56'44.0" E025°15'11.9" Altitude 679m	Bondo wa Nkulu	150	18	230kg	5,980 kg	Approx 70 tonnes

Traditional authorities			
Name of traditional chief Pierre Kongolo Kabulo		Contact : +243960180023	
Are the traditional authorities involved in mining or controlling mining? Describe their involvement. Yes, they are involved in mining and have a role in controlling the mines and their operations. The Chief owns certain pits. The Chief receives a ' <i>redevance coutumier</i> ' from each miner every month and there may be occasional extra 'contributions' to assist with cases of deaths in the mines, or to celebrate festivals. The Chief carries out rituals for the ancestors in case of cave-ins, to increase the mine production or grade.			
Is there a system of salongo or other community or obligatory labor at the site? What does it involve? How much? How often? Is it enforced? By whom? What is the penalty for non-participation? Yes, the traditional authorities have created a system to maintain the conditions of the mines. The work entails removing waste material from the mines, clearing paths to access the pits, etc. The salongo is carried out twice per month and it is respected because it is obligatory for the creuseurs, washers and other producers. The salongo does not involve obligatory mining on behalf of the traditional authorities or any state agents.			
Social groups in and around the mining area (NGOs, women's groups, church groups, civil society leaders, etc)			
Group	Activity	Representative Name	Representative Contact
Association de Creuseurs de Mulumbi	Helping creuseurs in case of accidents and deaths	Leonard SABWA	No phone
Groupe de Femme de Ngoya	Assistance such as meals and other help for diggers in difficulties; support to women victims of violence	Marie NGOIE	No phone
Vulnerable groups			
Are there children working in the mine? Is this permitted or forbidden? If it is forbidden, is this respected? Yes, there are children working in the mines despite its being forbidden. The restriction is not respected. It is difficult to interview the children as they have been warned not to speak to outsiders and therefore they run away when they see the state agents or the iTSCi researchers.			
Number of children (boys / girls) - unknown		Age range (boys / girls) - 12-17 years of age	
What work do they do ? How much to they earn daily? The boys work transporting minerals from the mine to the washing site. They also collect the 'reject' material left behind by the adult miners. They do not work as underground diggers (as far as we can tell). The girls work washing minerals and providing other services such as selling goods to the miners. Typically they earn around \$1-2 per day depending on how much work they do.			
Are there any schools near the site? No, the nearest school is 12km away. Some children are sent to live with other family members in the village where there is a school but the majority stay with their families at the mine and therefore end up working in the mine.			

Are there any programs to assist vulnerable groups around the site?

No, there are no social programs. MSF assist from time to time with vaccinations for children and pregnant women.

Police presence

PNC /PMH/ PIR/ Others PMH	Number of agents 5 agents	Number of agents armed None	Date of deployment April 2011
Commander's name Patrice MULUMBA	Rank Captain	Number (id) of commander	Commander's contact +243993836841

Are any police agents involved in mining, controlling mines, or taxing mineral products? Who? When? How much? How often?

The PMH become involved in the mines only in cases of human rights abuses, criminal activity, etc, so they control security issues but they are not reported to be involved in illegal taxation of minerals.

Have there been any incidents of human rights abuse, theft, or any other negative behavior by the police? Incident description? When? Any action was taken? By whom?

Nothing reported to us.

Presence of private security forces

Name & description None

Address	Name of Director	Contact of Director
Number of agents	Representative on site	Contact of representative on site

Do they have a contract? With who?

Description of their responsibilities and activities

Are any security agents involved in mining, controlling mines, or taxing mineral products? Who? When? How much? How often?

Have there been any incidents of human rights abuse, theft, or any other negative behavior by the police? Incident description? When? Any action was taken? By whom?

FARDC presence

Region	Brigade	Batallion	Company	Pelleton	Section
Number of agents None			Date of deployment		
Commander's name	Commander's rank	Commander's number	Commander's contact		

Are any army agents involved in mining, controlling mines, or taxing mineral products? Who? When? How much? How often?

It is alleged that there are two FARDC deserters working in the mine. They are reported to be working there, out of uniform, unarmed, on their own account. They do not cause problems for the other diggers and they do not levy any taxes.

Have there been any incidents of human rights abuse, theft, or any other negative behavior by the army? Incident description? When? Any action was taken? By whom?

It was reported to us that when the mine opened six months ago, the FARDC were present and took 'taxes' from the diggers who arrived to work in the mine. However it is said that they disappeared after about a month when the traditional chief told them they must leave. It is rumored that two agents deserted and remained behind as miners.

No reports of human rights abuses have been made to us.

Other armed groups

Are there any armed groups currently on or near the site? Who? Where? When?

No

Do armed groups ever come to the site? Who? Where? When?

No

Do the armed groups ever engage in mining, controlling mines, or taxing mineral products? Who? When? How much? How often?

No

Have there been any incidents of human rights abuse, theft, or any other negative behavior by armed groups? Incident description? When? Any action was taken? By whom?

No. In 2007-2008, this area was impacted by the activities of the armed group led by the Mai Mai warlord, Gideon. His actions were highly abusive and damaging to the community. However, since then, the area has been untouched by any such activities.

Barriers around the mines and/or along the trade and transport route (police barriers, FARDC barriers and posts, private security barriers, etc)								
Route between And		GPS	Location (village...)	Type of security service	Number of agents	Number of armed agents	Mandate/Objective	Notes on taxation of diggers, négociants, minerals, transporters
Kilo Commune	Malemba Nkulu town	S 06°46'23.9" E 025°29'58.7" Altitude 642m	Just outside the town on the main approach road from the west	Road Police	4 PSR	None	Stopping vehicles to check their insurance	No reports of any illegal taxation of minerals by the road police

Record all taxes and other payments (formal and informal) made at the mine or at any point where minerals are transported, traded or exported. Include all payments to all state authorities, traditional authorities, organizations, private individuals or groups, security services, armed groups.

	Taxe / Payment	Taxe / Payment	Taxe / Payment	Taxe / Payment
Name of tax or payment	<i>Identification des Creuseurs</i>	<i>Fond de promotion des petites coopératives</i>	<i>Ouvrage fiche de puits</i>	Carte négociant
Paid by	Creuseur	Négociant	Pit owner	Négociant
Paid to	SAESSCAM	Division de Mines	SAESSCAM	Division de mines
Location (Mine? Route? Depot? Etc.)	Mine	Négociant dépôt	Mine	Dépôt and/or mines
In cash, in minerals, in kind?	Cash	Cash	Cash	Cash
Value	7.70 US\$	20 US\$	50 US\$	50 US\$
Base for estimating value	_____	_____	_____	_____
Frequency	Once per year	Each time a truck is loaded	Once per year	Once per year
Receipt provided	Yes, a 'fiche d'identification'	Yes	Yes	Yes
Is it respected/observed	Yes	Yes	Yes	Yes
Is there a penalty for non-payment	No entry into the mine	Truck will not be loaded	Prevented from opening a pit	No access to the mines

	Taxe / Payment	Taxe / Payment	Taxe / Payment	Taxe / Payment
Name of tax or payment	<i>Bon de sortie carrière</i>	<i>Déclaration d'identification de négociant</i>	<i>Redevance Coutumier</i>	
Paid by	Négociant	Négociant	Creuseur	
Paid to	SAESSCAM	SAESSCAM	Traditional Authorities	
Location (Mine? Route? Depot? Etc.)	Mine	Mines	Mine	
In cash, in minerals, in kind?	Cash	Cash	Minerals	
Value	1% of the price of purchase per 1kg of product	50 US\$	1 kopo (tomato puree tin, around 300g)	
Base for estimating value	_____	_____	_____	
Frequency	Every time minerals are traded	Annual	Monthly	
Receipt provided	Yes	No	No	
Is it respected/observed	Yes	Yes	No	
Is there a penalty for non-payment	No exit of minerals from the mine	No access to the mine	No, however there is considerable social pressure to pay	

Other notes and observations

Photo n°1 – children working in the mine to assist their parents



THIS IS A **PUBLIC** ITSCI DOCUMENT, FOR A **FICTICIOUS LOCATION**, PROVIDED FOR ILLUSTRATION PURPOSES ONLY.
NO INFORMATION IN THIS DOCUMENT IS RELATED TO ACTUAL MINE SITES OR PERSONEL.