

## Narrative Analysis Report

**Description:** Reporting summary that provides analysis of qualitative and quantitative data captured during the collection period. Data collection partners are expected to provide summary of key points and if applicable: quotes, photos and research limitations for biweekly reporting period.

**Reporting Period:** July 1

**Reporting Method:** A reporting survey will be created in Kobo toolbox to be completed by research partners.

Date of Reporting:	07/03/2020
Data Collection Partner (Organization):	Pact
Individual Completing Report (Full Name, Title):	Peter Mugai Munyi, Mr
Geographic Context (Country, Subnational)	Kenya
How many mine site level respondents are you synthesizing information from? [Integer]	15
What were their roles? Select all that apply <ul style="list-style-type: none"> <li>- Owner of tunnel/pit/hill (license holder)</li> <li>- State agent (government-affiliate)</li> <li>- Buyer (purchaser of mineral)</li> <li>- Exporter (sale of goods out of country)</li> <li>- Customary authority</li> <li>- Civil Society</li> <li>- Non-governmental organization</li> <li>- Private Business</li> <li>- Other, specify</li> </ul>	<ul style="list-style-type: none"> <li>• Mine site level respondents in Taita Taveta County</li> </ul>
Relevant minerals in key informant interviews <ul style="list-style-type: none"> <li>- Colored Gemstone (if yes, specify)</li> <li>- Diamond</li> <li>- Gold</li> <li>- Sand</li> <li>- Stone Aggregate (Gravel)</li> <li>- Tin (Cassiterite)</li> <li>- Tantalum (Coltan)</li> <li>- Tungsten (Wolframite)</li> <li>- Other, specify</li> </ul>	<ul style="list-style-type: none"> <li>• Gemstones (tourmaline, green garnet)</li> </ul>

### Synthesis of Key Informant Response

Of all key informants interviewed during this period, provide a summary of key insights for each research category based on key informant questions.

<b>Health &amp; Safety</b>	
<i>Note any prevalence of COVID-19 in mining communities</i> <i>ASM operators compliance with government restrictions &amp; practices to limit spread.</i> <i>Any key gaps, needs and risks in COVID health response</i>	No reported cases of COVID-19 in the mining areas. There are a few cases in Mwatate town (20 kms away). However there is increased fear of infection especially given the proximity of the area to Tanzania border. Most ASM operators feel that truck drivers and miners/buyers from

	<p>Tanzania may import the virus to the nearby towns (Taveta, Mwatate and Voi), from where it might spread to the mining areas.</p> <p>The ASM operators are still complying with health guidelines although severe water shortage is a big challenge.</p> <p>There is also a challenge in getting masks and sanitizers given the low income levels.</p> <p>There is an urgent need for water and other hand washing necessities to empower the ASM operators to continue following health guidelines.</p>
--	--

<p><b>Gender</b></p>	
<p><i>Note any changes to men &amp; women's roles in ASM sector and any emerging vulnerabilities</i></p>	<p>Effects on men: Lack of financing has affected/stopped green garnet mining (which is majorly done by men). They are unable to get facilitation for food, water and blasting materials to sustain their operations. Most sponsors/financiers have stopped their operations due to lack access to good markets. In the operational mines, number of miners has been reduced, which is affecting production and forcing some men either to work for less number of hours or completely out of the mines.</p> <p>Effects on women: Most women mine tourmaline since it's found on loose material and near the surface hence it does not require machinery or blasting. However, the price for tourmaline has significantly dropped and in most cases, only high quality green tourmaline is marketable at very low prices. This is pushing most women out of the mine sites. Women have an added task of taking care of children (who are not going to school at the moment) which slows down their productivity. Women who used to supply food at mine sites are unable to do so since most sites are not operational and the few miners available don't have the ability to buy food from outsiders. The available sponsors/financiers prefer to facilitate/employ men to mine, since they believe that men can do more manual work faster. This is a disadvantage to women.</p>

<b>Human Security</b>	
<i>Note any changes and emerging risks in ASM mining communities related to human security</i>	<p>The security is stable. Despite disruption of mining activities, ASM operators noted improved security (caused by increased police patrols and night curfew).</p> <p>Lack of income/employment was noted as a future security risk.</p>
<b>Food Security</b>	
<i>Note any changes and emerging risks in ASM mining communities related to food security</i>	<p>The ASM operators reported significant food shortage. About 3 out of 4 respondents reported that they/members of their households had skipped meals and the situation is worsening. Lack of market for their gemstones had reduced their ability to buy food; whose prices have greatly increased. This has been worsened by low rainfall over the last planting season which has minimized the farm produce. Most miners now rely on last season's harvest which cannot last for more than a month from now.</p>
<b>Service Delivery &amp; Government Engagement</b>	
<i>Note any government &amp; non-government responses to COVID and existing gaps and needs related to services</i>	<p>The government has managed to enlighten the community well about Covid-19 and provided a few hand-washing facilities that are placed at main entrances to the mining areas. However, the communities have not received any other response to caution them.</p> <p>Lack of water is a big issue since it's affecting their ability to comply with hand-washing guideline.</p> <p>The ASM communities are in urgent need of relief food and clean water. They also need support in getting sanitizers, soaps and facemasks.</p>
<b>Markets &amp; Supply Chains</b>	
<i>Note any changes in mine site activity and supply chains and how COVID is directly or indirectly linked</i>	<p>The prices for gemstones are still very low. Only local buyers/dealers are purchasing the gemstones due to cessation of movement from Nairobi and Mombasa as well as ban on international travels (locking out international buyers). The local buyers have been stockpiling gemstones since late March and most of them have run out of liquid cash. This has resulted to major price drops as ASM operators are desperate to sell whatever they have at low prices to meet their daily needs.</p> <p>It is still difficult to get offers for medium quality tourmaline as buyers are focusing on high quality</p>

	<p>tourmaline (tourmaline is the most popular gemstone in the areas); which they are buying at very low prices.</p> <p>Tourmaline that used to go for Ksh. 35,000 – 50,000 per kilogram is now being bought for Ksh. 3000 – 5000 per kilogram.</p> <p>Green garnet prices are also low, the pieces that would normally go for Ksh. 70,000 – 80,000 per gram is now being bought for Ksh. 20,000 – 30,000 per gram (depending on shape, size and clarity).</p> <p>All these price changes have been caused by lack of access to international markets by the exporters.</p> <p>Some local buyers/brokers have resulted to selling their gemstones to fellow local buyers/brokers (instead of taking them to dealers in Nairobi) at little or no profit to sustain work and their daily needs.</p>
--	--

## Summary

Note three key insights that stood out or were important from this data collection period.

1. The water shortage is still a big challenge in the mining areas. Lack of rain is the main contributor to this. Clean water is supplied to the mining areas by water vendors from Mwatate Town (about 20kms away). A 20 liter bottle is being retailed at Ksh. 35 – 50; this is price is very high given the current situation of unemployment and low income. Lack of water is also affecting the communities' ability to meet the hand-washing guideline.
2. Food situation is worsening. Compared to last data collection, more ASM operators reported to have skipped meals due to food shortage. Their current food reserves are almost exhausted and given low farm yields, ASM operators are facing a possible food crisis. This has been worsened by lack of market for their gemstones which has reduced available income to purchase food. There is an urgent need for plans/programs/projects to divert such a crisis.
3. Most miners believe that getting help to access better markets and increased financing would help revive their operations and livelihoods. Low prices (especially for tourmaline) was identified as the greatest challenge facing the ASM operators. Help in getting better markets or opening up of the international markets would increase the income available to buy food, water and finance mining operations.

**Notes:** Registration and issuance of artisanal mining permits has not kicked off and the county artisanal mining committee responsible for the task has not been gazetted yet.

## Quotes

Note any key quotes from any of the interviews conducted. Quotes help to bring the date to life and help the participant’s voice and story be captured and heard in their own words.

1. “We don’t have finances, local buyers/brokers are not buying and if they do, whatever they used to buy at Ksh. 5000 is now going for Ksh. 800 – 1000; it very challenging. With enough financing, we can mine and stockpile as we wait for markets to open up but now we have to sell cheaply to survive” miner in Taita Taveta County
2. “My food reserves got exhausted, I had been selling part of the reserves to purchase other household necessities. I even closed my shop and sold my motorbike to get money to provide for my family ” miner in Taita Taveta County
3. “There is severe water shortage, we get water from water boozers from Mwatate Town. We buy 20 liters at Ksh 35 – 50. It is even a challenge to wash hands frequently because we have to spare water ” miner in Taita Taveta County

## Photos & Other Media

Not any photos or other media that you would like to be included in the reporting update. Include photo caption and credit below and attached photo when sharing report. Photos will be reviewed and published to Delve with permission.

Photo File Name	Caption	Photo Credit

## Research Limitations

Note any issues encountered in gathering information and recommendations for filling any additional information gaps.

No major issues/challenges were encountered during the data collection. Scheduling calls worked very well although poor network signal in some mining areas affected the process. Miners were cooperative and willing to share information.

---