

## 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 Frequency:** June 26

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

Date of Reporting:	06/25/2020
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</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. Only some reported cases in the town of Mwatate which is about 20 km away. The ASM operators complying but having a problem in getting water. The locals used earth dam water that is also used by animals.

	<p>Strict surveillance by local administration on mining sites taking place. Soaps, masks and sanitizers also required.</p>
<b>Gender</b>	
<p><i>Note any changes to men &amp; women's roles in ASM sector and any emerging vulnerabilities</i></p>	<p><b>Effects on Men:</b> Men are working for less number of hours due to nighttime curfew that is in force. Those in employment are forced to work in shifts since the number of workers per mine site has been restricted to 15. Some men have stopped going to the mining sites because of lack of food and facilitation. Most men in the area engage in green garnet mining which is done on hard rock, lack of financing for mining equipment and blasting materials is directly affecting their work. Most financiers are unable to sustain operations due to lack of capital caused by lack/poor markets.</p> <p><b>Effects on Women:</b> Most women engage in tourmaline mining since it's found on loose soil hence easy to mine. Tourmaline prices have been affected the most since most of their markets are abroad; which means lack of or very poor markets for tourmaline. Women who depend on these markets are unable to sell their produce at desired prices affecting their income. Women have an additional task of taking care of children who are not going to school, which reduces their productivity in the mines. Those in employment have been forced to work for few hours/days per week to avoid overcrowding in the mines. Those who are not working on mine site are engaging in household and other less paying jobs.</p>
<b>Human Security</b>	
<p><i>Note any changes and emerging risks in ASM mining communities related to human security</i></p>	<p>The security has normalized, ASM operators reported that increased patrols (to ensure compliance with health guidelines and curfew) have contributed to better security. However, there is still fear of increased insecurity in the future due to low/lack of income.</p>
<b>Food Security</b>	
<p><i>Note any changes and emerging risks in ASM mining communities related to food security</i></p>	<p>Food shortage is getting worse. ASM operators lack financial power to buy food due to lack of</p>

	<p>market for their gemstones. Most of them were relying with little farm yields from the last harvest; however, these reserves are drying up and exposing the ASM operators to severe food shortage in the near future.</p> <p>Lack of rain has also contributed to food shortage.</p>
<p><b>Service Delivery &amp; Government Engagement</b></p>	
<p><i>Note any government &amp; non-government responses to COVID and existing gaps and needs related to services</i></p>	<p>Apart from sensitization campaigns, the ASM communities only received hand-washing facilities and soaps. Few people benefited from facemasks (which were issued only once). The communities need urgent interventions in provision for water, relief food, masks and other hand-washing facilities.</p>
<p><b>Markets &amp; Supply Chains</b></p>	
<p><i>Note any changes in mine site activity and supply chains and how COVID is directly or indirectly linked</i></p>	<p>Gemstone prices have fallen even further. Right now, medium quality tourmaline is no longer marketable. The few dealers still buying are only taking the high quality tourmaline; which they are buying at significantly low prices. On a normal day, the price for 1 kilogram of high quality tourmaline is above Ksh. 40,000 but it's being bought between Ksh. 5000 – 8,000.</p> <p>Most miners have now turned to search for green garnet which is hard to find and requires more capital and time to find. Even the green garnet prices have reduced by half; from Ksh. 140,000/gram for high quality green garnet to Ksh. 70,000/gram.</p> <p>All these price changes have been caused by lack of access to international markets by the exporters.</p>

## Summary

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

1. The gemstone prices continue to fall to an extent that medium quality tourmaline has been pushed out of the market. Local buyers are buying high quality tourmaline and stockpiling it, waiting for a good time to sell. Miners are getting frustrated each day since mining is their main source of income.
2. Miners are facing a possible severe shortage of food since they have almost exhausted their food reserves and are unable to cash their gemstones to buy food. Food price is also gradually rising

worsening the situation.

3. There is severe shortage of water in the mining areas. Water vendors are selling a 20 liter of water at Ksh. 35 – 50. This is costly given their present situation. The earth dam where they access water is drying up so their situation could get worse. This could also affect their ability to comply with hand-washing health guideline.

### 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. “It is difficult to work, finding gemstones is very hard work which requires us to eat well in order to have the energy and be productive. We cannot go to the mines without this, we also fear that if we get the stones, we shall not get good market” Miner in Taita Taveta County
2. “We have many places to mine but we lack finances. With sponsorship for food, water, blasting , materials and other equipment, we can be able to mine effectively” Miner in Taita Taveta County
3. “When mining operations are low, we do farming but now there is no rain for the farms and no markets for mining work, we are in big trouble” 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.

Scheduling of calls really helped in making the data collection smooth; although I still experienced poor network signal with a few miners.

Some miners also found the questions repetitive.