

LAND AFAR IMPACT EVALUATION

GANTA LEADER SURVEY

	lstart	Start time	(hour; minute)
	lend	End time	(hour; minute)

SECTION A. GANTA LEADER IDENTIFICATION AND CONSENT

A.1	ldate	Date of Survey:	(numeric)
A.4	supervisor	Name of Supervisor:	(text)
A.4b	supervisor_o	Other supervisor:	(text)
A.5	woreda	WOREDA	(text)
A.6	kebele	KEBELE	(text)
A.7	ganta	GANTA name	(text)
A.7b	gantao	GANTA alternate spelling of name	(text)
A.8	gantaid1	GANTA ID	(numeric)
A.8b	gantaid2	Confirm GANTA ID	(numeric)

INFORMED CONSENT

PLEASE READ THE PAPER CONSENT FORM CAREFULLY AND WORD FOR WORD

A.11	lconsent	Did the respondent consent? <i>If Yes, skip to Section B</i>	0=No 1=Yes	(code)
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SECTION B. GANTA LEADER INFORMATION

Now I'm going to ask you some questions about the leader of this ganta.

B.1	lli_name	Full name of ganta leader	(text)	
B.2	lli_nameo	Nickname of ganta leader (optional)	(text)	
B.3	lli_phone1	Enter the mobile number of the ganta leader If no mobile number, enter -997.	(integer)	
B.4	lli_phone2	Enter the second mobile number of the ganta leader If no mobile number, enter -997.	(integer)	
B.5	lli_phone3	Enter the third mobile number of the ganta leader If no mobile number, enter -997.	(integer)	
B.6	lli_gender	Sex Observation only	0=Male 1=Female 888=Don't know	(code)

B.7	Ili_age	What is your age? <i>Respondent age at last birthday</i>	(integer)
B.7b	Ili_agerange	If unsure, about how old are you? 1=18-30 2=31-40 3=41-50 4=51-60 5=60+	(code)
B.8	Ili_married	What is your marital status? 1=Monogamously married 2=Polygamously married 3=Never married 4=Widowed 5=Divorced 6=Separated 7=Cohabiting 999=Prefer not to respond	(code)
B.9	Ili_ethnic	What is your ethnic group? 1=Afar 2=Amhara 3=Oromo 4=Tigre 5=Somali 6=Argoba 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
B.9o	Ili_ethnico	Other, specify	(text)
B.10	Ili_religion	What is your religion? 1=Muslim 2=Protestant 3=Orthodox Christian 4=Other Christian 5=Traditional 6=No religion 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
B.10o	Ili_religiono	Other, specify	(text)
B.11	Ili_language	What language do you speak at home? 1=Afar 2=Oromiffa 3=Amharic 4=Somali 5=Tigrigna 6=Argobegna 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
B.11o	Ili_languageo	Other, specify	(text)
B.12	Ili_yearslive	How many years have you lived in this ganta? <i>(dry season only)</i>	(integer)

B.13	lli_education	What is the highest level of formal education that you have completed?	0=None or nursery 1=Standard 1 2=Standard 2 3=Standard 3 4=Standard 4 5=Standard 5 6=Standard 6 7=Standard 7 8=Standard 8 9=Standard 9 10=Standard 10	11=Grade 11 12=Grade 12 13=Diploma 14=Degree 15=Postgraduate 91=Adult education 92=Religious school 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
B.13o	lli_educationso	Other, specify	(text)		
B.14	lli_readamharic	Can you read a newspaper in any language?	0=No 1=Yes 888=Don't know 999=Prefer not to answer		(code)
B.15	lli_readenglish	Can you write a short letter in any language?	0=No 1=Yes 888=Don't know 999=Prefer not to answer		(code)

SECTION C. GANTA INFORMATION

Now I'd like to ask you some questions about the ganta.

C.1	lgi_hhnum	Please estimate the number of households in this ganta.			(integer)
C.2	lgi_position	What is your position in the ganta? Select all that apply.	1=Clan leader (Kedo abba) 2=Sub clan leader (Gulub abba), 3=Fiema Abba, (group leader for rules) 4=Duwa Abba (customary grazing leader) 5=Daar-Idolla (elder/customary leader - general) 6=religious leader 7=dala aba 8=dala seala 9=village/ganta leader 10=female leader 11=youth leader 12=kebele leader 13=head of Farmer's Association 14=levels leader 15=son of kedo abba 16=PA official 888=Don't know 999=Prefer not to answer		(code)
C.2o	lgi_positiono	Other, specify	(text)		
C.3	lgi_posyears	How many years have you been the [POSITION] in this ganta? Please enter 0 if less than 1 year.			(integer)

C.4	lgi_hhsettle	Which of the below categories best describes the households who reside in your ganta?	1=Fully settled—The whole of the household (all members, including head) is permanently settled and no members move during the year. 2=Partially settled—Some members of the household are permanently settled and others move around in order to herd their animals 3=Nomadic—The whole household moves around in order to herd the animals	(code)
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Next, I am going to ask you some questions about how many kilometers from the ganta the following services are located.

			C.#a	C.#b	C.#a
			Distance from central part of this village, in kilometers	Most common form of transport 1=foot 2=animal 3=bicycle 4=motorbike 5=car 6=bus 7=other public transport	Travel time in hours using the most common form of transport
C.5	lgi_lrgmarkt	From the central part of this village, X to the nearest large market?	a	b	c
C.6	lgi_tarmac	From the central part of this village, X to the nearest tarmac road?			
C.7	lgi_network	From the central part of this village, X to the nearest point where you can receive mobile phone network services?			
C.8	lgi_primschool	From the central part of this village, X to the nearest primary school?			
C.9	lgi_secschool	From the central part of this village, X to the nearest secondary school?			
C.10	lgi_clinic	From the central part of this village, X to the nearest clinic or health center?			
C.11	lgi_bank	From the central part of this village, X to the nearest bank or microfinance office?			
C.12	lgi_yearwater	From the central part of this village, X to the nearest year-round water point?			

The following is a list of development problems often faced by people in this area. Please choose and rank the top three biggest problems your ganta is facing.

1=Invasive species on grazing land 2=Changes in temperature extremes 3=Drought/changes in rainfall 4=Lack of jobs/income 5=Lack of available schooling/education opportunities 6=Bad roads 7=Lack of health services	8=Lack of electricity 9=Land re-allocation 10=Poor yields/lack of food 11=Diseases that affect livestock 12=Insecurity/conflict 13=Lack of clean water 14=Poor livestock marketing opportunities	15=Poor crop marketing opportunities 16=Difficulty getting inputs to farm 17=Difficulty getting inputs for livestock 97=Other, please explain 888=Don't Know 999=Prefer not to respond
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C.13	lgi_problem1	What is the 1 st biggest development problem facing your ganta?	1=Invasive species on grazing land 2=Changes in temperature and/or rainfall 3=Lack of jobs/income 4=Lack of available schooling/education opportunities 5=Bad roads 6=Lack of health services 7=Lack of electricity 8=Land re-allocation 9=Poor yields/lack of food 10=Diseases that affect livestock	11=Insecurity/conflict 12=Lack of clean water 13=Poor livestock marketing opportunities 14=Poor crop marketing opportunities 15=Difficulty getting inputs to farm 16=Difficulty getting inputs for livestock 17=Other, please explain 888=Don't Know 999=Prefer not to respond	(code)
C.13o	lgi_problem1o	Other, specify	(text)		
C.14	lgi_problem2	What is the 2 nd biggest development problem facing your ganta?	1=Invasive species on grazing land 2=Changes in temperature and/or rainfall 3=Lack of jobs/income 4=Lack of available schooling/education opportunities 5=Bad roads 6=Lack of health services 7=Lack of electricity 8=Land re-allocation 9=Poor yields/lack of food 10=Diseases that affect livestock	11=Insecurity/conflict 12=Lack of clean water 13=Poor livestock marketing opportunities 14=Poor crop marketing opportunities 15=Difficulty getting inputs to farm 16=Difficulty getting inputs for livestock 17=Other, please explain 888=Don't Know 999=Prefer not to respond	(code)
C.14o	lgi_problem2o	Other, specify	(text)		

C.15	lgi_problem3	What is the 3 rd biggest development problem facing your ganta?	1=Invasive species on grazing land 2=Changes in temperature and/or rainfall 3=Lack of jobs/income 4=Lack of available schooling/education opportunities 5=Bad roads 6=Lack of health services 7=Lack of electricity 8=Land re-allocation 9=Poor yields/lack of food 10=Diseases that affect livestock	11=Insecurity/conflict 12=Lack of clean water 13=Poor livestock marketing opportunities 14=Poor crop marketing opportunities 15=Difficulty getting inputs to farm 16=Difficulty getting inputs for livestock 17=Other, please explain 888=Don't Know 999=Prefer not to respond	(code)
C.15o	lgi_problem3o	Other, specify	(text)		
C.16	lgi_managecomp	In the past 3 years, have NGOs and/or the government given your community food and/or cash aid as compensation to manage rangelands? <i>If No, skip to Section D</i>	0=No 1=Yes 888=Don't know 999=Prefer not to respond		(code)
C.17	lgi_programop	If yes, how many programs have operated in your area in the past 3 years?	(integer)		

Now I am going to ask you about each of these programs, starting with the most recent one.

	C.18	C.19	C.20	C.21	C.21o
	lgi_progname	lgi_progadmin	lgi_progcommunity	lgi_progactivity	lgi_pro gactivi tyo
Program ID	What is the name of this program? 1=PSNP (Productive Safety Net Program) 2=Amref Health Africa 3=Farm Africa 4=govt of Ethiopia, unnamed aid 5=Save the Children 6=Unnamed drought/food aid 7=Emergency! / Emergency Aid 8=Mekelakeya 888=Don't know	Is this program administered by the government or an NGO? 1=Government 2=NGO 3=Both 888=Don't know 999=Prefer not to respond	What percentage of community members were involved? 1=All/almost all 2=More than half 3=Exactly half 4=Less than half 5=None/Very few 888=Don't know 999=Prefer not to respond	What type of activity/work were they involved in? 1=Work on water sources 2=Prosopis/Bush clearing 3=Tree planting 4=Road construction 5=Dam building 6=Food security 7=Soil conservation / terracing 8=No work 888=Don't know 999=Prefer not to respond	Specify, Other

	C.22	C.23	C.24	C.25
	lgi_progcomp	lgi_progc omprate	lgi_progco mpvalue	lgi_proghelpful
Program ID	Did they receive food, cash or both? 1=Cash 2=Food 3=Both 888=Don't know 999=Prefer not to respond <i>If 1, ask a.</i> <i>If 2, ask b.</i> <i>If 3, ask a. and b.</i>	Daily rate received (in ETB)	Average daily value of in-kind payment (if food was received as compensation) in ETB	C.25 How helpful were the activities to the community and livelihoods? 1=Very helpful 2=Helpful 3=Neither helpful nor unhelpful 4=Unhelpful 5=Very unhelpful 888=Don't know 999=Prefer not to respond

SECTION D. GANTA LAND ASSETS (DRY SEASON ONLY)

Now I am going to ask you some questions about the land used by your ganta in the dry season.

D.1	lgla_settlesizea	What is the size/area of the land used by your ganta for settlement in the dry season? <i>Enter 888 if don't know.</i>	(integer)	
D.1b	lgla_settlesizeu	Unit: 1=Timad/Sanga 2=Hectare 3=Square meter	888=Don't know 999=Prefer not to respond -997=NA	(code)
D.2	lgla_cultisizea	What is the size/area of the land used by your ganta for cultivation/agriculture in the dry season? <i>Enter 888 if don't know.</i>	(integer)	
D.2b	lgla_cultisizeu	Unit: 1=Timad/Sanga 2=Hectare 3=Square meter	888=Don't know 999=Prefer not to respond -997=NA	(code)
D.3	lgla_grazesizea	What is the size/area of the land used by your ganta for dry season grazing? <i>Enter 888 if don't know.</i>	(integer)	
D.3b	lgla_grazesizeu	Unit: 1=Timad/Sanga 2=Hectare 3=Square meter	888=Don't know 999=Prefer not to respond -997=NA	(code)
D.4	lgla_enclosesizea	What is the size/area of land used for private enclosures either for grazing or farming? <i>Enter 888 if don't know.</i>	(integer)	
D.4b	lgla_enclosesizeu	Unit: 1=Timad/Sanga 2=Hectare 3=Square meter	888=Don't know 999=Prefer not to respond -997=NA	(code)
D.5	lgla_acquirefarm	How do people acquire land for farms in this village?	(code)	
D.5o	lgla_acquirefarmo	Other, specify	(text)	
D.6	lgla_womanaccess	Are women allowed to use dry season enclosures and watering points for their animals	1=Never 2=Sometimes 3=Any time 888=Don't know 999=Prefer not to respond	(code)

D.7	Igla_acquirechangeyn	In the past 5 years, have the ways that people gain access to land for farm use changed? <i>If No, skip to D.8</i>	0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)
D.7b	Igla_acquirechange	Please describe the changes.	1=Greater involvement of government officials 2=Greater involvement of customary officials 3=Greater involvement of community as a whole 4=Greater involvement of investors 5=Greater involvement of customary leaders outside the community 6=Lesser involvement of government officials 7=Lesser involvement of customary officials 8=Lesser involvement of community as a whole 9=Lesser involvement of investors 10=Lesser involvement of customary leaders outside the community 11=Less land available for allocation 12=More rules about allocating land 13=Fewer rules about allocating land 97=Other 888=Don't know 999=Prefer not to respond	(code)
D.7c	Igla_acquirechangeo	Other, specify	(text)	

Now I am going to ask you about the reasons for this change. Please choose and rank the top three reasons why the ways that people gain access to land for farm use has changed.

D.8	Igla_changer sn1	What is the 1 st biggest factor driving the change?	1=Drought/changes in rainfall 2=Invasive bush species/bush encroachment 3=Conflict over land or farming 4=Land used for irrigation/agri-business investment 97=Other, please explain 888=Don't Know 999=Prefer not to respond	(code)
D.8o	Igla_changer sn1o	Other, specify	(text)	
D.9	Igla_changer sn2	What is the 2 nd biggest factor driving the change?	1=Drought/changes in rainfall 2=Invasive bush species/bush encroachment 3=Conflict over land or farming 4=Land used for irrigation/agri-business investment 97=Other, please explain 888=Don't Know 999=Prefer not to respond	(code)
D.9o	Igla_changer sn2o	Other, specify	(text)	

D.10	Igla_changer sn3	What is the 3 rd biggest factor driving this change?	1=Drought/changes in rainfall 2=Invasive bush species/bush encroachment 3=Conflict over land or farming 4=Land used for irrigation/agri-business investment 97=Other, please explain 888=Don't Know 999=Prefer not to respond	(code)
D.10o	Igla_changer sn3o	Other, specify	(text)	

Now I would like to ask you some questions about land allocation in the ganta that you use in the dry season.

D.11	Igla_getmor eland	Could a household in your ganta obtain (additional) land for crop production in this ganta?	0=No 1=Yes 888=Don't know 999=Prefer not to answer	(code)
D.12	Igla_sharecr op	Is it possible for people from this ganta to share-crop customary land in this ganta? <i>If No, skip to D.12</i>	0=No 1=Yes 888=Don't know 999=Prefer not to answer	(code)
D.13	Igla_sharecr opyrs	What is the greatest number of years that someone from INSIDE this ganta can share-crop land?	(integer)	
D.14	Igla_outsidel ease	Is it possible for people from outside this ganta to lease customary land in this ganta? <i>If No, skip to D.14</i>	0=No 1=Yes 888=Don't know 999=Prefer not to answer	(code)
D.15	Igla_outsidel easeyrs	What is the greatest number of years that someone from OUTSIDE of this ganta can lease land?	(integer)	

Imagine that the people who make decisions about land use and management **in this ganta** are lined up from least powerful to most powerful (**1-10**). The people at the top (10) of the line make lots of important decisions and the people at bottom (1) of the line do not have any say. Some people can also be at the middle, meaning, for some decisions, they are high up on the line and for others they are low down on the line.

Where are the following people on this line when it comes to making decisions about **land use and management** in the ganta?

D.16a	Igla_ganta	Ganta members as a group	(integer: 1–10)
D.16b	Igla_gulub	Sub clan leader (Gulub abba),	(integer: 1–10)
D.16c	Igla_fiema	Fiema Abba, (rules/regulations)	(integer: 1–10)
D.16d	Igla_duwa	Duwa Abba	(integer: 1–10)
D.16e	Igla_kedo	Clan leader (Kedo abba)	(integer: 1–10)
D.16f	Igla_daar	Daar-Idolla (elder/customary leader - general)	(integer: 1–10)

D.16g	lgla_youth	Youth	(integer: 1–10)
D.16h	lgla_women	Women	(integer: 1–10)
D.16i	lgla_agro	Agropastoralists (those who both farm land and herd)	(integer: 1–10)
D.16j	lgla_pastoral	Pastoralists (exclusively)	(integer: 1–10)
D.16k	lgla_farmers	Farmers (exclusively)	(integer: 1–10)
D.16l	lgla_govofficial	Government officials	(integer: 1–10)
D.16m	lgla_elites	Elites outside the ganta	(integer: 1–10)

Now I am going ask you some questions about events that sometimes happen in villages like yours.
Please tell me how likely you think the following events are.

D.17	lgla_eliteencroach	How likely is it that elites from outside this ganta may take some of the customary grazing land used by this ganta without authorization by the ganta in the next 1 to 5 years?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)
D.18	lgla_eliteencroach4	How likely is it that elites from outside this ganta will take some of the customary grazing land used by this ganta without your permission 4 of more years into the future?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)
D.19	lgla_investorencroach	How likely is it that investors will lease or take away customary grazing land used by this ganta for investment purposes in the next 1 to 3 years without authorization from the ganta?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)
D.20	lgla_investorencroach4	How likely is it that investors will lease or take away customary grazing land used by this ganta for investment purposes without authorization from the ganta 4 of more years into the future?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)

D.21	Igla_gantaen croach	How likely is it that a neighboring ganta will encroach and cross over to use customary grazing land used by this ganta in the next 1 to 3 years?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)
D.22	Igla- gantaencroa ch4	How likely is it that a neighboring ganta will encroach and cross over to use customary grazing land used by this ganta 4 or more years into the future?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)
D.23	Igla_cleadlea se	How likely is it that a clan leader will lease or give away customary grazing areas used by this ganta for investment purposes in the next 1 to 3 years without authorization from the ganta?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)
D.24	Igla_cleadlea se4	How likely is it that a clan leader will lease or give away customary grazing areas used by this ganta for investment purposes without authorization from the ganta 4 or more years into the future?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)
D.25	Igla_aclanen croach	How likely is it that another clan or ethnic group from Afar will encroach and cross over to use customary grazing areas used by this ganta in the next 1 to 3 years?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)
D.26	Igla_aclanen croach4	How likely is it that another clan or ethnic group from Afar will encroach and cross over to use customary grazing areas used by this ganta 4 or more years into the future?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)

D.27	Igla_clanencroach	How likely is it that another clan or ethnic group from outside Afar will encroach and cross over to use customary grazing areas used by this ganta in the next 1 to 3 years?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)
D.28	Igla_clanencroach4	How likely is it that another clan or ethnic group from outside Afar will encroach and cross over to use customary grazing areas used by this ganta 4 or more years into the future?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)
D.29	Igla_locgovencroach	How likely is it that local (i.e. kebele/woreda) government will lease out or give away land used by this ganta for investment purposes in the next 1-3 years?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)
D.30	Igla_locgovencroach4	How likely is it that local government (i.e. kebele/woreda) will lease out or give away land used by this ganta for investment purposes 4 or more years into the future?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)
D.31	Igla_reggovencroach	How likely is it that the national government will lease out or give away land used by this ganta for investment purposes in the next 1-3 years?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)
D.32	Igla_reggovencroach4	How likely is it that the national government will lease out or give away land used by this ganta for investment purposes 4 or more years into the future?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)

Please tell me how much you agree or disagree with the following statements.

D.33	lgla_boundlo cgov	The boundaries of the customary grazing land used by this ganta during the dry season are clear and respected by local (kebele/woreda) government authorities.	1=Agree 2=Somewhat agree 3=Neutral 4=Somewhat disagree	5=Disagree 888=Don't know 999=Prefer not to respond	(code)
D.34	lgla_bnoundr eggov	The boundaries of the customary grazing land used by this ganta during the dry season are clear and respected by national government authorities.	1=Agree 2=Somewhat agree 3=Neutral 4=Somewhat disagree	5=Disagree 888=Don't know 999=Prefer not to respond	(code)
D.35	lgla_invnotak egrz	I am confident that a company/investor cannot take any of the customary grazing land used by this ganta during the dry season without negotiation and fair compensation	1=Agree 2=Somewhat agree 3=Neutral 4=Somewhat disagree	5=Disagree 888=Don't know 999=Prefer not to respond	(code)
D.36	lgla_waterlo cgov	The rights to access the water points in the grazing area used by this ganta during the dry season are clear and respected by local (kebele/woreda) government authorities.	1=Agree 2=Somewhat agree 3=Neutral 4=Somewhat disagree	5=Disagree 888=Don't know 999=Prefer not to respond	(code)
D.37	lgla_waterre ggov	The rights to access the water points in the grazing area used by this ganta during the dry season are clear and respected by national government authorities.	1=Agree 2=Somewhat agree 3=Neutral 4=Somewhat disagree	5=Disagree 888=Don't know 999=Prefer not to respond	(code)
D.38	lgla_invnotak ewtr	I am confident that a company/investor cannot take any of the water points in the grazing area used by this ganta during the dry season without negotiation and fair compensation to the ganta	1=Agree 2=Somewhat agree 3=Neutral 4=Somewhat disagree	5=Disagree 888=Don't know 999=Prefer not to respond	(code)

SECTION E. COMMUNITY ENCLOSURES FOR GRAZING

I'd like to ask you questions about any land that your ganta has enclosed/restricted for use by only the community.

E.1	lceg_enclosegraze	Does your ganta use grazing lands that they have enclosed/restricted for use by the community? <i>If No, Skip to Section F</i>	0=No 1=Yes 888=Don't know 999=Prefer not to answer	(code)
E.2	lceg_enclosurenum	If yes, how many community enclosures does your ganta have access to?	(integer)	

	E.3	E.4	E.4o	E.5	E.6
	lceg_name	lceg_whodecide	lceg_whodecide	lceg_govestabli	lceg_hhpaygov
Community Enclosure ID	What is the name of the area where this community has a grazing enclosure?	Who is the main person or group who makes decisions about this community enclosure for grazing? 1=Ganta members as a group 2=Sub clan leader (Gulub abba), 3=Fiema Abba, (rules/regulations) 4=Duwa Abba (customary grazing leader) 5=Clan leader (Kedo abba) 6=Daar-Idolla (elder/customary leader - general) 7=No one 8=Govt Official	Specify Other 9=Kebele Official 10=Private group/owner 11=A cooperative or association 12=Owner of Land 97=Other, please specify 888=Don't know 999=Prefer not to answer	Was the community enclosure at <area> established with any help from NGOs or government? 0=No 1=Yes 888=Don't know 999=Prefer not to answer	Did households make any food or cash payments to help establish the community enclosure at <area>? 0=No 1=Yes 888=Don't know 999=Prefer not to answer
1					
2					
3					
4					
5					

	E.7	E.7b	E.8	E.8o
	lceg_enclo sesizea	lceg_enclosesize u	lceg_whocontrol	lceg_whocontrol o
Community Enclosure ID	What is the size of the community enclosure at <area>?	Units: 1=Timad/Sanga 2=Hectare 3=Square meter 888=Don't know 999=Prefer not to respond -997=NA	Who controls the community enclosure at <area>? 1=Individuals 2=Ganta 3=Pastoralist Association (PA) or kebele 4=DA worker 5=Sub clan leader (Gulub abba), 6=Fiema Abba, (rules/regulations) 7=Duwa Abba (customary grazing leader) 8=Clan leader (Kedo abba) 9=Daar-Idolla (elder/customary leader) 10=No one 11=Govt Official 12=Kebele Official 13=A cooperative or association 97=Other, please specify 888=Don't know 999=Prefer not to answer	Specify Other
1				
2				
3				
4				
5				

CONTINUED—SECTION E. COMMUNITY ENCLOSURES FOR GRAZING

	E.9	E.9o	E.10	E.11	E.12	E.13	E.14	E.15	E.15o
	lceg_warehouse	lceg_warehouseo	lceg_animalwater	lceg_fixfence	lceg_watermanagement	lceg_plantforage	lceg_removebush	lceg_improveother	lceg_improveothero
Community Enclosure ID	<p>E.9 Who is allowed to use the community enclosure at <area>?</p> <p>1=All members of the ganta 2=Elders and/or village leaders only 3=Only members of a specific clan 4=Only male members of the ganta 5=No one 6=kebele 7=only co-op members 8=Only the owner 9=Only certain people /Family members 97=Other 888=Don't know 999=Prefer not to respond</p>	Specify other	<p>What is the main source of water for both humans and animals at <area>?</p> <p>See codes III</p>	<p>Since the establishment of this community enclosure, has your ganta made improvements to the fence/enclosure of the land at this site?</p> <p>0=No 1=Yes 888=Don't know 999=Prefer not to answer</p>	<p>Has your ganta made improvements to the water management, including common watering points at this site?</p> <p>0=No 1=Yes 888=Don't know 999=Prefer not to answer</p>	<p>Has your ganta planted supplementary sources of forage and food for livestock at this site?</p> <p>0=No 1=Yes 888=Don't know 999=Prefer not to answer</p>	<p>Has your ganta removed invasive bush species at this site?</p> <p>0=No 1=Yes 888=Don't know 999=Prefer not to answer</p>	<p>Has your ganta made other improvements to this community enclosure?</p> <p>0=No 1=Yes 888=Don't know 999=Prefer not to answer</p> <p><i>If No, skip to Section F</i></p>	Specify other
1									
2									
3									
4									
5									

III—Main Water Source			
1=Piped into dwelling or compound 2=Public tap 3=Borehole 4=Protected well	5=Unprotected well 6=Protected spring 7=Unprotected spring 8=Dam	9=Pan 10=River 11=Lake 12=Rainwater catchment	13=Water tanker 14=No water 15=Water pumped by motor

SECTION F. GRAZING AREAS: LOST ACCESS

I'd like to know if your ganta has lost access to any grazing areas.

F.1	lgala_lostaccess	Are there any grazing areas that your ganta previously was accessing, but is no longer allowed to access now? <i>If No, skip to Section G.</i>	0=No 1=Yes 888=Don't know 999=Prefer not to answer	(code)
F.2	lgala_lostnum	How many different grazing areas did your ganta lose access to over the past 5 years?	(integer)	

Now I am going to ask you some questions about each wet and dry season grazing area that your ganta has lost access to.

	F.3	F.4	F.5	F.6	F.6o	F.7	F.7o
	lgala_name	lgala_wetdry season	lgala_yea rlost	lgala_wholost	lgala_wh olosto	lgala_who restrict	lgala_who restricto
Grazing Area ID	What is the name of the grazing area where your ganta lost access? <i>If the respondent does not know the name, create a name together that you will use to refer to the grazing area in future questions.</i>	Is this a wet season or dry season grazing area? 1=wet season 2=dry season 888=Don't know 999=Prefer not to respond	In what year did your ganta lose access to this grazing area?	Who lost access to this grazing area? 1=Everyone in the ganta 2=Everyone except clan leaders 3=Everyone except ganta leaders 4=Everyone except elders 5=Everyone except a single individual/family 97=Other, specify 888=Don't know 999=Prefer not to respond	Other, specify	Who imposed the restrictions? 1=Clan leader (Kedo abba) 2=Sub clan leader (Gulub abba), 3=Fiema Abba, (rules/regulations/ age group leader) 4=Duwa Abba (customary grazing leader) 5=Daar-Idolla (elder/customary leader - general) 6=PA official, 7=Woreda official, 8=National gov 9=National/regional govt 10=Formal court 11=Owner of Land 12=Religious leader 13=No one 888=Don't know 999=Prefer not to respond	Other, specify
1							
2							
3							
4							
5							

CONTINUED—SECTION F. GRAZING AREAS: LOST ACCESS

Now I am going to ask you about some reasons why your ganta lost access to each grazing area.

	F.8	F.9	F.10	F.10b	F.10o	F.11	F.12
	lgala_infrastructur e	lgala_leaseland	lgala_government	lgala_govlevel	lgala_govlevelo	lgala_investor	lgala_clanleader
Grazing Area ID	Infrastructure development on land (roads, bridges) 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Rented or leased, no longer can be used by the community 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Government said we cannot use 0=No 1=Yes 888=Don't know 999=Prefer not to respond If 1, ask F.10b	What level of government said that you cannot use this grazing area? 1=National government 2=Provincial government 3=Kebele government 97=Other, specify 888=Don't know 999=Prefer not to respond	Other, specify	Investor activity on the land. 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Clan leader said we could not use 0=No 1=Yes 888=Don't know 999=Prefer not to respond
1							
2							
3							
4							
5							

	F.13	F.14	F.15	F.16	F.17	F.17o
	lgala_conflict	lgala_degraded	lgala_nowater	lgala_notravel	lgala_otherrsn	lgala_otherrsn
Grazing Area ID	Presenc of conflict/ insecurity 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Land degradation / prosopis 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Lack of water 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Cannot travel to grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Other, specify 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Other, specify 1=Some party fenced the area off.
1						
2						
3						
4						
5						

CONTINUED—SECTION F. GRAZING AREAS: LOST ACCESS

Now I am going to ask you about the impact of losing access to each grazing area to most/all of the households in your ganta.

	F.19	F.20	F.21	F.22	F.23	F.24	F.25
	lgala_newareas	lgala_othgantaland	lgala_othclanland	lgala_otharea	lgala_overgraze	lgala_govforest	lgala_livelihood
Grazing Area ID	Started using new grazing areas 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Grazing in another rangeland area area used by ganta 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Grazing in another area in clan lands 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Grazing in another area outside clan lands 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Herd animals in overgrazed areas 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Herd animals in communal or government forests 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Switch to alternative livelihoods or rely more heavily on income sources other than livestock 0=No 1=Yes 888=Don't know 999=Prefer not to respond
1							
2							
3							
4							
5							

	F.26	F.27	F.28	F.29	F.30	F.31	F.31o
	lgala_poverty	lgala_ritualland	lgala_failbiz	lgala_nongraze	lgala_illegal	lgala_otherimpact	lgala_other impacto
Grazing Area ID	Increased poverty or lost income 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Lost land used for traditional rituals 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Business failed 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Lost access to non-grazing resources Including wild plants for food consumption, fuel wood. etc. 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Continue to access the area illegally 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Other, specify 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Other, specify (text)
1							
2							
3							
4							
5							

SECTION G. GRAZING AREAS: LEASED LAND

I'd like to ask questions about any grazing land that your ganta has leased or rented out.

G.1	lgall_leaseland	Has any part of the customary grazing land used by your ganta been leased or rented to someone from outside this ganta in the past five years? <i>If No, skip to Section H</i>	0=No 1=Yes 888=Don't know 999=Prefer not to answer	(code)
G.2	lgall_leasenum	If yes, how many areas of the customary grazing land used by your ganta has been leased or rented?	(integer)	

	G.3	G.4	G.5	G.6	G.6o	G.7	G.8	G.9
	lgall_name	lgall_consultyn	lgall_consultnum	lgall_whoconsult	lgall_whoconsulto	lgall_consultgender	lgall_womenop	lgall_leadconsult
Grazing Area ID	Was land rented or leased? 1=Leased 2=Short-term rental 888=Don't know 999=Prefer not to respond	Were there consultations with the community before the lease/rental was agreed? 0=No 1=Yes 888=Don't know 999=Prefer not to respond <i>If Yes, ask b.</i> <i>If No, skip to G.8</i>	If yes, how many consultations took place? (integer)	Who participated in consultations about this lease/rental agreement? <i>See codes 112</i>	Other, specify	Did women participate in the consultations? 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Did women speak or ask questions during the consultations? 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Were you involved in any consultations about the leasing of land used by your ganta? 0=No 1=Yes 888=Don't know 999=Prefer not to respond
1								
2								
3								
4								
5								

112—who participated in consultations		
1=Clan leader (Kedo abba) 2=Sub clan leader (Gulub abba), 3=Fiema Abba, (rules/regulations/ age group leader) 4=Duwa Abba (customary grazing leader) 5=Daar-Idolla (elder/customary leader - general)	6=PA official, 7=Woreda official, 8=National gov 9=National/regional govt 10=Formal court	11=Owner of Land 12=Religious leader 13=No one 888=Don't know 999=Prefer not to respond

CONTINUED—SECTION G. GRAZING AREAS: LEASED LAND

	G.10	G.10o	G.11	G.11b	G.12	G.12o	G.13
	lgall_whoauth	lgall_whoautho	lgall_leasesizea	lgall_leasesizeu	lgall_wholease	lgall_wholeaseo	lgall_contract
Grazing Area ID	Who gave the final authorization to lease or rent out this land to someone from outside the ganta? 1=Clan leader (Kedo abba) 2=Sub clan leader (Gulub abba), 3=Fiema Abba, (rules/regulations/ age group leader) 4=Duwa Abba (customary grazing leader) 5=Daar-Idolla (elder/customary leader - general) 6=PA official, 7=Woreda official, 8=National gov 9=National/regional govt 10=Formal court 11=Owner of Land 12=Religious leader 13=No one 888=Don't know 999=Prefer not to respond	Other, specify	What was the area of land leased or rented?	Units: 1=Timad/Sanga 2=Hectare 3=Square meter 888=Don't know 999=Prefer not to respond -997=NA	Who leased/rented the land? 1=Private Ethiopian company 2=Private Foreign Company 3=Kebele/woreda government 4=Regional/national government 5=Individual 6=NGO 97=Other, specify 888=Don't know 999=Prefer not to respond	Other, specify	Does your ganta have a written contract with the lessee? (The person or firm leasing the land) 0=No 1=Yes 888=Don't know 999=Prefer not to respond
1							
2							
3							
4							
5							

CONTINUED—SECTION G. GRAZING AREAS: LEASED LAND

	G.14	G.14o	G.15	G.16	G.16o	G.17	G.18	G.18o
	lgall_landuse	lgall_landuseo	lgall_compensate	lgall_cschedule	lgall_cscheduleo	lgall_cpaywhen	lgall_cpayall	lgall_cpayallo
Grazing Area ID	For what purpose was the land leased/rented? 1=Agriculture 2=Mining 3=Road 4=Market/town infrastructure 5=Building/ infrastructure for a private company 6=School/health clinic 7=Ranching 8=Tourism/wildlife conservation 9=Power generation (hydropower or wind farms) 97=Other, specify 888=Don't know 999=Prefer not to respond	Other, specify	Were ganta members compensated for land and/or resources lost? 0=No 1=Yes 888=Don't know 999=Prefer not to respond <i>If No, skip to next instance of lease. If last instance skip to G.28</i>	What was the compensation schedule? 1= One time payment 2= Paid in tranches 3= Paid according to revenue generated 97=Other, specify 888=Don't know 999=Prefer not to respond	Other, specify	Was compensation paid before or after the transfer of the land? 1= Before 2= After 888=Don't know 999=Prefer not to respond	Who received compensation? 1=All members of the ganta receive equal compensation 2=All members of the ganta receive compensation, but the value is unequal 3=Some members of the ganta receive compensation, and some do not 4=Only village leaders receive compensation 97=Other 888=Don't know 999=Prefer not to respond	Other, specify
1								
2								
3								
4								
5								

CONTINUED—SECTION G. GRAZING AREAS: LEASED LAND

	G.19	G.20	G.21	G.22	G.23	G.23o
	lgall_cvaldetermine	lgall_cmoney	lgall_cmoneyamt	lgall_cinkindyn	lgall_cinkind	lgall_cinkindo
Grazing Area ID	How was the value of compensation determined? 0=No 1=Yes 888=Don't know 999=Prefer not to respond <i>If No, skip to G.17</i>	Was the compensation monetary? 0=No 1=Yes 888=Don't know 999=Prefer not to respond	What is the value of monetary compensation given? In ETB.	Was the compensation in-kind? 0=No 1=Yes 888=Don't know 999=Prefer not to respond <i>If No, Skip to G.20</i>	What were the types of in-kind compensation given? 1=Training 2=Road 3=Clinic 4=School 5=Agricultural inputs 6=Livestock 7=Salaried jobs 8=Casual jobs/piecework 9=Electrification 10=Land 97=Other 888=Don't know 999=Prefer not to respond	Other, specify
1						
2						
3						
4						
5						

CONTINUED—SECTION G. GRAZING AREAS: LEASED LAND

	G.24	G.25	G.26	G.27	G.28	G.29
	lgall_cinkindval	lgall_cvalenough	lgall_govpayment	lgall_govpayamt	lgall_invpayment	lgall_invpayamt
Grazing Area ID	What is the value of the in-kind compensation? In ETB.	Was the value of the compensation enough to cover the value of the land and resources that are no longer available for the ganta to use? 1=Yes, much more than the value 2=Yes, more than the value 3=Yes, the same as the value 4=No, less than the value 5=No, much less than the value respond 888=Don't know 999=Prefer not to respond	Has your household received any rent/lease transfer payment from GOVERNMENT AGENCIES in the past 12 months? For example, land/house rent/lease transfers? 0=No 1=Yes 888=Don't know 999=Prefer not to respond <i>If No, skip to G.26</i>	What was the total value of rent/lease transfer payment received? In ETB	Has your household received any rent/lease transfer payment from PRIVATE INVESTORS in the past 12 months? For example, land/house rent/lease transfers? 0=No 1=Yes 888=Don't know 999=Prefer not to respond <i>If No, skip to next Grazing Area.</i>	What was the total value of rent/lease transfer payment received? In ETB
1						
2						
3						
4						
5						

CONTINUED—SECTION G. GRAZING AREAS: LEASED LAND

Now I am going to ask you specifically about outside investors renting land used by your ganta.

G.30	lgall_investor syn	Are there any investors/companies operating in land used by your ganta? That is, the big people from outside coming here to do big work for money in your community? <i>If No, skip to Section H</i>	0=No 1=Yes 888=Don't know 999=Prefer not to answer	(code)
G.31	lgall_icompan y	What are the names of these companies?	(text)	
G.32	lgall_iactivity	What activity are they doing?	1=Mining 2=Tourism/wildlife conservation 3=Cotton 4=Ranching 5=Edible Oil Crops 6=Biofuels, including jatropha 7=Cereals 8=Sugarcane 9=Fruits (bananas, papayas, etc) 10=Power generation (hydropower or wind farms) 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
G.32o	lgall_iactivity o	Other, specify	(text)	
G.33	lgall_ibenefit yn	Has your ganta received any benefits from the investor? <i>If No, skip to G.33</i>	0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)
G.34	lgall_ibenefit	What benefits (good things) did your ganta receive? Select all that apply	1=Salary jobs 2=Health clinic 3=New secondary school 4=New/repared road 5=New/repared bridges 6=Training 7=Getting money (ex. land rental fees) 8=Casual jobs/piecework 9=Electrification 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
G.34o	lgall_ibenefit o	Other, specify	(text)	
G.35	lgall_inegativ eyn	Did your ganta experience any negative results (bad things) as a result of the investor presence? <i>If No, skip to G.35</i>	0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)
G.36	lgall_inegativ e	What were the negative (bad) results? Select all that apply	1=Lost land for farming 2=Lost water for fishing 3=Lost land for hunting 4=Lost sacred bushes or land 5=Lost houses 6=Lost building materials 7=Wood harder to collect 8=Medicinal plants destroyed 9=Water sources polluted 10=Lost land for grazing 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)

G.36o	lgall_inegativeo	Other, specify	(text)	
G.37	lgall_ichange	Since the investor came, have things gotten better or worse?	1=Much worse 2=A little worse 3=No change 4=A little better 5=Much better 888=Don't know 999=Prefer not to respond	(code)

SECTION H. INHERITANCE AND LAND USE RIGHTS

I'd like to ask about the inheritance and use rights in your ganta.

H.1	ilhr_mdiedca dult	If a male head of household dies leaving a wife and adult children, who would inherit the homestead, crop land and livestock?	1=Husband's brother 2=Wife 3=Oldest adult son 4=All sons 5=Oldest adult daughter 6=All children 7=Wife's brother 8=Goes back to the ganta to reallocate 9=Any adult child 10=Clan elders 11=PA Officials 12=Both wife and children 97=Other, specify 888=Don't know 999=Prefer not to answer	(code)
H.1o	ilhr_mdiedca dulto	Other, specify	(text)	
H.2	ilhr_mdiedcy oung	If a male head of household dies leaving a wife and young children, who would inherit the homestead, crop land and livestock?	1=Wife 2=Children's caretaker 3=Husband's brother 4=Wife's brother 5=Goes back to the ganta to reallocate 6=Clan elders 7=PA Officials 97=Other, specify 888=Don't know 999=Prefer not to answer	(code)
H.2o	ilhr_mdiedcy oungo	Other, specify	(text)	

H.3	ilhr_fdiedcadult	If a female head of household dies leaving a husband and adult children, who will inherit most of the homestead, crop land and livestock?	1=Husband 2=Oldest adult son 3=All sons 4=Oldest adult daughter 5=All children 6=Husband's brother 7=Goes back to the ganta to reallocate 8=Any adult child 9=Clan elders 10=PA Officials 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
H.3o	ilhr_fdiedcadulto	Other, specify	(text)	
H.4	ilhr_fdiedcyoung	If a female head of household dies leaving only young children, who will inherit most of the homestead, crop land and livestock?	1=Husband 2=Children's caretaker 3=Brother of deceased 4=Husband's brother 5=Goes back to the ganta to reallocate 6=Clan elders 7=PA Officials 8=all children 9=male children 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
H.4o	ilhr_fdiedcyoungo	Other, specify	(text)	
H.5	ilhr_mdiedcfemale	If a male head of household dies leaving only female children, who will inherit most of the homestead, crop land and livestock?	1=Wife 2=Oldest adult daughter 3=All daughters 4=Brother of deceased 5=Wife's brother 6=Goes back to the ganta to reallocate 7=Any adult child 8=Clan elders 9=PA Officials 10=wife and children 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
H.5o	ilhr_mdiedcfemaleo	Other, specify	(text)	
H.6	ilhr_fheirland	Do the rules for inheritance in your ganta allow women to inherit land from a parent (when the parent dies)?	0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)

H.7	ilhr_dtrnokid land	If an adult daughter without children returns home without a husband (divorced, separated, widowed), what rights does she have regarding land and livestock?	1= Rights to establish her own dwelling in family compound. 2= Rights to milk animals from household herd and use milk for consumption; 3= Rights to keep any of her own animals at the household compound. 4= Rights to be provided land from household for farming 97= Other specify 888= Don't know 999= Prefer not to respond	(code)
H.7o	ilhr_dtrnokid lando	Other, specify	(text)	
H.8	ilhr_dtrkidla nd	If an adult daughter with children returns home without a husband (divorced, separated, widowed), what rights does she have regarding land and livestock	1= Rights to establish her own dwelling in family compound. 2= Rights to milk animals from household herd and use milk for consumption; 3= Rights to keep any of her own animals at the household compound. 4= Rights to be provided land from household for farming 97= Other specify 888= Don't know 999= Prefer not to respond	(code)
H.8o	ilhr_dtrkidla ndo	Other, specify	(text)	
H.9	ilhr_dtrkidlst ock	If an adult daughter returns home (divorced, separated, widowed, never married), how does she acquire land to farm or raise livestock?	1= Allocated land by household head 2= Allocated land by ganta head 3= Allocated land by government/kebele 4= Allocated by her mother 5= Allocated land by another relative 6=Cannot have land allocated 7=Must marry or remarry 97= Other, specify 888=Don't know 999=Prefer not to respond	(code)
H.9o	ilhr_dtrkidlst ocko	Other, specify	(text)	
H.10	inhr_fnokidla nddivorce	Do the rules for inheritance in your ganta allow a woman without children to take land with her in the case of divorce?	0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)
H.11	inhr_fboykidl anddivorce	Do the rules for inheritance in your ganta allow a woman with BOY children to take land with her in the case of divorce?	0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)
H.12	inhr_fgirld anddivorce	Do the rules for inheritance in your ganta allow a woman with GIRL children to take land with her in the case of divorce?	0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)

H.13	inhr_fnokidlandheir	Do the rules for inheritance in your ganta allow a woman without children to inherit land from her husband if he dies?	0=No 1=Yes 2=Sometimes 888=Don't know 999=Prefer not to respond	(code)
H.14	inhr_fboykidlandheir	Do the rules for inheritance in your ganta allow a woman with BOY children to inherit land from her husband if he dies?	0=No 1=Yes 2=Sometimes 888=Don't know 999=Prefer not to respond	(code)
H.15	inhr_fgirldlandheir	Do the rules for inheritance in your ganta allow a woman with GIRL children to inherit land from her husband if he dies?	0=No 1=Yes 2=Sometimes 888=Don't know 999=Prefer not to respond	(code)
H.16	ilhr_whodecide	Who decides what will happen to the land if a woman's husband dies?	1=Wife 2=Oldest adult son 3=All sons 4=Oldest adult daughter 5=All children 6=Husband's brother 7=Wife's brother 8=Ganta community 9=Any adult child 10=Clan elders 11=PA Officials 12=religious leader 888=Don't know 999=Prefer not to respond	(code)
H.16o	ilhr_whodecideo	Other, specify	(text)	
H.17	ilhr_fheirlstock	Do the rules for inheritance in your ganta allow women to inherit livestock from a parent (when the parent dies)?	0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)
H.18	ilhr_fnokidandmldivorce	Do the rules for inheritance in your ganta allow a woman without children to take livestock with her in the case of divorce?	0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)
H.19	ilhr_fkidanmldivorce	Do the rules for inheritance in your ganta allow a woman with children to take livestock with her in the case of divorce?	0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)
H.20	ilhr_fnokidandmlheir	Do the rules for inheritance in your ganta allow a woman without children to inherit livestock from her husband if he dies?	0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)
H.21	ilhr_fkidanmldheir	Do the rules for inheritance in your ganta allow a woman with children to inherit livestock from her husband if he dies?	0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)

H.22	ilhr_wdwgetl stock	How could a widow in your ganta acquire livestock to support herself and her children?	1= Given by her father or brothers. 2= Given by deceased husband's brothers. 3= Given by members of her husband's clan. 4= Restocking from NGO or government. 5=by getting remarried 6=given by members of her clan 7=she cannot get any 888=Don't know 999=Prefer not to respond	(code)
H.22o	ilhr_wdwgetl stocko	Other, specify	(text)	

SECTION I. LAND MANAGEMENT

Next, I am going to ask a series of questions about ganta and grazing land management.

I.1	Ilm_mngmeetnum	In the past 1 year, how many meetings about land use or land management do you recall were held in your ganta? For example, meetings of multiple ganta to discuss grazing issues, infrastructure projects, conflicts, and other issues affecting grazing lands. <i>Enumerator – please prompt for more events beyond everyday discussions – we are interested in more formally organized group meetings.</i> <i>Enter 888 if unsure</i>		(integer)
I.2	Ilm_gameetinvite	Who is invited to attend meetings these meetings?	1=Entire ganta 2=All adults 3=Male adults only 4=All heads of household 5=Members of the body 6=Ganta elders 7=Customary leaders 8=Gov't officials 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
I.2o	Ilm_gameetinviteo	Other, specify	(text)	
I.3	Ilm_gameetatend	Does everyone who is invited to attend meetings actually go to the meetings?	1=All who are invited attend 2=More than half of those invited attend 3=About half of the people invited attend 4=Less than half of the people invited attend 5=Almost no people attend 888=Don't know 999=Prefer not to respond	(code)
I.4	Ilm_gawhoattend	Who attends meetings?	1=Entire ganta 2=All adults 3=Male adults only 4=All heads of household 5=Members of the body 6=Ganta elders 7=Customary leaders 8=Gov't officials 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
I.4o	Ilm_gawhoattendo	Other, specify	(text)	

First I am going to ask you about land management of **grazing areas used by households in your ganta** (i.e. not community enclosures – only open communal grazing lands and private enclosure).

I.5	llm_garulesw ho1	What is the 1 st most important leader responsible for making rules and decisions about what ganta members can and cannot do in grazing areas? <i>Grazing areas only.</i>	1=Kedo Abba 2=Gulub Abba 3=Fiema Abba 4=Duwa Abba 5=Daar-Idolla 6=PA official 7=Woreda official 8=NGO 9=Company	10=Private Landowner 11=Community 12=Individual Ganta Members 13=No one 14=Religious leader 15=PA Official 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
I.5o	llm_garulesw ho1o	Other, specify	(text)		
I.6	llm_garulesw ho2	What is the 2 nd most important leader responsible for making rules and decisions about what ganta members can and cannot do in grazing areas? <i>Grazing areas only.</i>	1=Kedo Abba 2=Gulub Abba 3=Fiema Abba 4=Duwa Abba 5=Daar-Idolla 6=PA official 7=Woreda official 8=NGO 9=Company	10=Private Landowner 11=Community 12=Individual Ganta Members 13=No one 14=Religious leader 15=PA Official 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
I.6o	llm_garulesw ho2o	Other, specify	(text)		
I.7	llm_garulesw ho3	What is the 3 rd most important leader responsible for making rules and decisions about what ganta members can and cannot do in grazing areas? <i>Grazing areas only.</i>	1=Kedo Abba 2=Gulub Abba 3=Fiema Abba 4=Duwa Abba 5=Daar-Idolla 6=PA official 7=Woreda official 8=NGO 9=Company	10=Private Landowner 11=Community 12=Individual Ganta Members 13=No one 14=Religious leader 15=PA Official 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
I.7o	llm_garulesw ho3o	Other, specify	(text)		
I.8	llm_garwhoc hange5	Has the most important leader who makes decisions about grazing areas changed in the last five years?	0=No 1=Yes 888=Don't know 999=Prefer not to respond		
I.9	llm_grouppyn	Is there a group or committee that makes decisions about land use or land management in this ganta?	0=No 1=Yes 888=Don't know 999=Prefer not to respond		

I.10	llm_gameetof ten	How often does this group meet?	1=Every week 2=About once per month 3=Once every 3-4 months 4=Once per year 5=Less than once per year 888=Don't know 999=Prefer not to respond	(code)
I.11	llm_gmeetin vite	Who is invited to attend meetings held by this group? <i>Grazing areas only. Select all that apply.</i>	1=Entire ganta 2=All adults 3=Male adults only 4=All heads of household 5=Members of the body 6=Ganta elders 7=Customary leaders 8=Gov't officials 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
I.11o	llm_gmeetin viteo	Other, specify	(text)	
I.12	llm_gawhoat tend3	Who attends meetings? <i>Grazing areas only. Select all that apply.</i>	1=All who are invited attend 2=More than half of those invited attend 3=About half of the people invited attend 4=Less than half of the people invited attend 5=Almost no people attend 888=Don't know 999=Prefer not to respond	(code)
I.13	llm_gamemn um	How many members are in the group?	(integer)	
I.14	llm_gamemu nder35	How many members are under 35 years old?	(integer)	
I.14b.	llm_gamem women	How many members are women?	(integer)	
I.15	llm_gaaddre ssgrief	Is there a process for addressing ganta dissatisfaction with grazing area management decisions that are made by this group? <i>Grazing areas only.</i>	0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)
I.16	llm_gaaddgri eflow	Please describe this process	1=Public meeting open to entire community 2=Formal meeting with village leaders 3=Informal meeting with village leaders 4=Letter written to kebele/woreda government representative 5=Meeting with kebeleworeda government representative 6=Letter written to regional/national government representative 7=Meeting with regional/national government representative 97=Other 888=Don't know 999=Prefer not to respond	
I.16o	llm_gaaddgri eflowo	Other, specify	(text)	

Imagine that the people who make decisions about land use and management in the grazing areas used by this ganta are lined up from least powerful to most powerful (1-10). The people at the top (10) of the line make lots of important decisions and the people at bottom (1) of the line do not have any say. Some people can also be at the middle, meaning, for some decisions, they are high up on the line and for others they are low down on the line.			
Where are the following people on this ladder when it comes to making decisions about land use and management in the grazing areas used by this ganta ?			
I.17a	llm_ganta	Ganta members as a group	(integer: 1-10)
I.17b	llm_gulub	Sub clan leader (Gulub abba),	(integer: 1-10)
I.17c	llm_fiema	Fiema Abba, (rules/regulations)	(integer: 1-10)
I.17d	llm_duwa	Duwa Abba	(integer: 1-10)
I.17e	llm_kedo	Clan leader (Kedo abba)	(integer: 1-10)
I.17f	llm_daar	Daar-Idolla (elder/customary leader - general)	(integer: 1-10)
I.17g	llm_youth	Youth	(integer: 1-10)
I.17h	llm_women	Women	(integer: 1-10)
I.17i	llm_agro	Agropastoralists (those who both farm land and herd)	(integer: 1-10)
I.17j	llm_pastoral	Pastoralists (exclusively)	(integer: 1-10)
I.17k	llm_farmers	Farmers (exclusively)	(integer: 1-10)
I.17l	llm_govofficial	Government officials	(integer: 1-10)
I.17m	llm_elites	Elites outside the ganta	(integer: 1-10)

Now I am going to ask you about land management in all of the **land around this ganta**, including the land area under cultivation, grazing lands including any community enclosures, forest areas, and the area where houses are located.

I.18	llm_ruleswhol	What is the 1 st most important leader responsible for making rules and decisions about what ganta members can and cannot do in the land around this ganta?	1=Kedo Abba 2=Gulub Abba 3=Fiema Abba 4=Duwa Abba 5=Daar-Idolla 6=PA official 7=Woreda official 8=NGO 9=Company	10=Private Landowner 11=Community 12=Individual Ganta Members 13=No one 14=Religious leader 15=PA Official 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
I.18o	llm_ruleswho	Other, specify	(text)		

I.19	Ilm_ruleswho2	What is the 2 nd most important leader responsible for making rules and decisions about what ganta members can and cannot do in the land around this ganta?	1=Kedo Abba 2=Gulub Abba 3=Fiema Abba 4=Duwa Abba 5=Daar-Idolla 6=PA official 7=Woreda official 8=NGO 9=Company	10=Private Landowner 11=Community 12=Individual Ganta Members 13=No one 14=Religious leader 15=PA Official 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
I.19o	Ilm_ruleswho2o	Other, specify	(text)		
I.20	Ilm_ruleswho3	What is the 3 rd most important leader responsible for making rules and decisions about what ganta members can and cannot do in the land around this ganta?	1=Kedo Abba 2=Gulub Abba 3=Fiema Abba 4=Duwa Abba 5=Daar-Idolla 6=PA official 7=Woreda official 8=NGO 9=Company	10=Private Landowner 11=Community 12=Individual Ganta Members 13=No one 14=Religious leader 15=PA Official 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
I.20o	Ilm_ruleswho3o	Other, specify	(text)		
I.21	Ilm_rwhochange5	Has the most important leader who makes decisions on land management changed in the last five years?	0=No 1=Yes 888=Don't know 999=Prefer not to respond		(code)
I.22	Ilm_group2yn	Is there a group or committee that makes decisions about what ganta members can and cannot do in the land around this ganta?	0=No 1=Yes 888=Don't know 999=Prefer not to respond		
I.23	Ilm_meetoften	How often does this group who makes land management decisions meet?	1=Every week 2=About once per month 3=Once every 3-4 months 4=Once per year 5=Less than once per year 888=Don't know 999=Prefer not to respond		(code)
I.24	Ilm_meetininvite	Who is invited to attend the meetings held by this most important group who makes decisions about land? <i>Select all that apply.</i>	1=Entire ganta 2=All adults 3=Male adults only 4=All heads of household 5=Members of the body 6=Ganta elders 7=Customary leaders 8=Gov't officials 97=Other, specify 888=Don't know 999=Prefer not to respond		(code)

I.24o	llm_meetinvi teo	Other, specify	(text)
I.25	llm_gawhoat tend2	Who attends meetings? <i>Grazing areas only. Select all that apply.</i>	1=All who are invited attend 2=More than half of those invited attend 3=About half of the people invited attend 4=Less than half of the people invited attend 5=Almost no people attend 888=Don't know 999=Prefer not to respond (code)
I.26	llm_memnu m	How many members are in the group?	(integer)
I.27	llm_memun der35	How many members are under 35 years old?	(integer)
I.28	llm_memwo men	How many members are women?	(integer)
I.29	llm_addressg rief	Is there a process for addressing ganta dissatisfaction with land use or management decisions that are made by this group? <i>Land around this ganta only.</i>	0=No 1=Yes 888=Don't know 999=Prefer not to respond (code)
I.30	llm_addgrief how	Please describe this process	1=Public meeting open to entire community 2=Formal meeting with village leaders 3=Informal meeting with village leaders 4=Letter written to kebele/woreda government representative 5=Meeting with kebeleworeda government representative 6=Letter written to regional/national government representative 7=Meeting with regional/national government representative 97=Other 888=Don't know 999=Prefer not to respond
I.30o	llm_addgrief howo	Other, specify	(text)

SECTION J. GRAZING AREAS: AREAS USED

Now I am going to ask you some questions about the wet and dry season grazing areas that your ganta has used in the last 10 years, including the ones that you migrate to. *These are grazing areas used for regular seasonal grazing movements.*

J.1	lgau_usednum	How many grazing areas, wet or dry season, has your ganta accessed in the last five years?	(integer)
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	J.2	J.3	J.3o	J.4	J.5	J.5o	J.6
	lgau_name	lgau_region	lgau_regiono	lgau_zone	lgau_woreda	lgau_woredao	lgau_kebele
Grazing Area ID	Name of the grazing area <i>If the respondent does not know the name, create a name together that you will use to refer to the grazing area in future questions.</i>	Which region is this grazing area located in? 1=Afar 97=Outside of Afar, specify	Other, specify	Which zone is this grazing area located in? 1=Zone 1 5=Zone 5 2=Zone 2 97=Outside of Afar, specify 3=Zone 3 888=Don't know 4=Zone 4 999=Refused to answer	Which woreda is this grazing area located in? <i>See the list of woredas below</i>	Other, specify	Which kebele is this grazing area located in? <i>See the list of kebeles on the following page</i>
1							
2							
3							
4							
5							

Woreda			
1=Adear	10=Afdera	19=Awash Fentale	28=Dalifagi
2=Afambo	11=Bedu	20=Bure Modayitu	29=Dewe
3=Asayta	12=Berehale	21=Dulecha	30=Hadeleala
4=Chefera	13=Dalol	22=Gewane	31=Semurobina Gelalo
5=Dubti	14=Erebt	23=Awura	32=Telalak
6=Elidar	15=Konaba	24=Ewa	-97=Other
7=Kori	16=Megale	25=Golina	888=Don't Know
8=Mile	17=Amibara	26=Teru	999=Prefer not to respond
9=Abala	18=Argoba Liyu	27=Yalo	

Kebeles									
1=Eliwuha Town	39=Logiya Town	77=Agensera	114=Hersuma	150=Albo	187=Bonta	224=Derebto	261=Debel	298=Digdiga	335=Beri
2=Silunahedo	40=Date Bahri Town	78=Meto Ariba	115=Kusrewad	151=Erebt	188=Koma Gidiyaro	225=Dengelgita	262=Edelu	299=Namaara	336=Meraktuna Daleti
3=Wantuna Fursa	41=Samera Town	79=Meto Sosit	116=Adela	152=Arodele	189=Awash Sheleko	226=Moroburi	263=Fentona Asela	300=Gubiyra Town	337=Leledana Degagaa
4=Jeldina Burqa	42=Sorido	80=Silisa	117=Alegen	153=Bahirin	190=Serkamo	227=Kodoe	264=Keheruli	301=Welea	338=Alebeha
5=Veransona	43=Sehana Museli	81=Seba Arat	118=Not	154=Andergolo	191=Bedul Ale	228=Debel	265=Irikoma	302=Gidaelana Mudalelina	339=Hadeleala Anano
Hormat	44=Dagiba	82=Korina Agibuli	Divided Into	155=Fe'ayitu	192=Halay Sumale	229=Geferem	266=Sedeha Melefu	Dirma	340=Enaeto
6=Adayitun Abeko	45=Ayirolef Na	83=Daba	Kebeles	156=Konaba Town	193=Eibile	230=Biedaforo	267=Alele Sulula	303=Kowali Gabuleana	341=Sergat
7=Dikikana Bisdima	Geblayitu	84=Lubakida	118=Berahile	157=Fisho	194=Awash Arba	231=Sebulina	Town	Debayra	342=Derealana
8=Afambo Town	46=Gegana Beriso	85=Muselena Belika	Town	158=Guanakedahara	195=Kurkura	232=Hengego	268=Andenya Badole	304=Udeyle	Galidora
9=Alesabulo	47=Gurimu Dalena	86=Mile Irshalimat	119=Sebana	159=Belbelna Konaba	196=Gachine Town	233=Swampy Area	269=Fialu	305=Dibina	343=Arsona Aftuha
10=Humadoyeta	Gayidaro	87=Mile Town	Demale	160=Wahads	197=Warka Amba	234=Dulecha	270=Burka	306=Rekretek	344=Kumame Town
11=Mego	48=Debel Na	88=Gegana Burtale	120=Berahile	161=Adedna Fersdge	198=Geberoch	Town	271=Kofo Burur	307=Rakubdora	345=Adole Hngeg
12=Genete	Halebayir	89=Bekeride'arna	121=Kora	162=Alhena	199=Cheno	235=Tirtira	272=Huletenya Badole	308=Mesgid	346=Fentigerana
13=Deaka	49=Beyihayile	Abalidera	122=Dear	163=Ruhna	200=Goze	236=Asebe Hari	273=Buti	309=Dalifagi Town	Mengela
14=Horogubi	50=Hintmegetana	90=Hintmegetana	123=Bure	Edegahano	201=Koka	237=Gerbo Hafe	274=Regden	310=Aseharana Dintu	347=Daleti
15=Haresa	Korele	Hidesa	124=Ala	164=Lile Town	202=Dabireko	238=Dire	275=Bolotamo	311=Hadona Bduri	348=Bohayle Hamayto
16=Asayta Town	51=Hanakes Na	91=Hersisna	125=Lela Ala	165=Tonsa	203=Sofiy Ager	239=Burtali	276=Bilu	312=Abosena Atea	349=Kuma Ber
17=Galifage	Arado	Be'adelu	126=Goben	166=Faro	204=Abali	240=Bolhamo	277=Duba	313=Eblegomona Forhaf	350=Hare Hamo
18=Gahertu	52=Megenita	92=Gesiyona Le'as	127=Serea	167=Gimirida	205=Layimetatebiya	241=Kefas Idoli	278=Keliwan Town	314=Welgelna Jera	351=Hotemerona
19=Hinele	53=Tanigay Kuma	93=Sene'asna	128=Adkuwa	168=Limo	206=Tachimetatebiya	242=Hugub	279=Sibatna Botani	315=Bluna Dermena	Gadisa
20=Handeg	54=Manda Town	Kusrtu	Town	169=Adu	207=Bilu	243=Seganto	280=Fokisa	316=Gewanena Fenheru	352=Kedabura
21=Berga	55=Bure Town	94=Deyiluna Graro	129=Iynedeb	170=Aradu	208=Chisa	244=Drufili	281=Kelewan	317=Wiena Adgentole	353=Fentida
22=Kerebuda	56=Elidar Town	95=Grarona	130=Leasgedi	171=Hida	209=Awura Melka	245=Gewane	282=Wenasana Here	318=Umedana Kus	354=Askefen
23=Rumaytu	57=Dichoto Town	Anakelo	131=Ma Awo	172=Bubushi	Irsha Limat	Town	Gerbu	Lededori	355=Bortidasna Galifagi
24=Mamule	58=Dobi Town	96=Kailuna	132=Sebiba	173=Andido	210=Sabure Town	246=Adeyimbure	283=Galikoma	319=Faayana Keyneedose	356=Gele Alo
25=Keredura	59=Wuha Limat	Asmelmed Kudu	133=Berih	174=Melka Werer	211=Awash Sebat	247=Gebeyabora	284=Ayigana Burtete	320=Atayena Dullaale	357=Namelafen Town
26=Gelealo	Town	97=Abala Town	134=Adiaro	Town	Kilo Town	248=Geleladora	285=Darayitu	321=Wedarage Town	358=Gewisina
27=Ehayle	60=Sa'ala Town	98=Adekelo	135=Asegara	175=Melka Sedi	212=Kebena	249=Yigile	286=Mulena Asale	322=Gendawarina Eyeledi	Hamedidas
28=Chefera Town	61=Galafi Town	99=Wesema	136=Adkuwa	Town	213=Bolodita	250=Ourafeta	287=Alelo Town	323=Adalil	359=Weydelelina Yalu
29=Jarana Kontula	62=Samasinina Dula	100=Asengosa	137=Simbila	176=Awash Sheleko	214=Diho	251=Bira Eforo	288=Abidi	324=Kilentina Derseda	360=Adolena Asbole
30=Merobina	63=Digino Natenkule	101=Urkudu	138=Alefan	Town	215=Sabure	252=Mateka	289=Meremer	325=Wahlona Gidale	361=Kuliliina
Asegigid	64=Burenandaba	102=Hidmo	Kululi	177=Awash Arba	216=Diduba	253=Bida	290=Boyna	326=Yemudina	Datakolayitu
31=Ade Ar Ena	65=Mandana Musali	103=Wakrgubi	139=Bheyta	Town	217=Awash Biherawi	254=Adibaro	291=Mebay	Keboakoma	362=Telalakina Abaro
Halsaya	66=Sulaisilu	104=Enda Asengola	140=Garsat	178=Serkam Town	Park	255=Derayitu	292=Debaho	327=Halbina Senkokor	363=Awarena Areda
32=Mesgidna Sisibli	67=Meskana Geleblu	105=Adi Harmele	141=Bada	179=Kifil Sost Town	218=Adalalita	Town	293=Berentu	328=Gedansana Fereskori	364=Geyisuna Dawe
33=Askomana	68=Imino	106=Gelaiso	Admagug	180=Andido Town	219=Buri	256=Derayitu	294=Weedulul	329=Kahrtuna Tutli	365=Adalilina Dawe
Akegura	69=Gewahinagebeltil	107=Adekelo	142=Bada Ramile	181=Berta Town	220=Diyara	257=Hida	295=Asabera	330=Daweborena Kobet	366=Halbina Wale
34=Tegrina Awagera	eli	108=Afdera Town	143=Asayiten	182=Gelsa	221=Rebana Segento	258=Alebedeh	296=Dirmana Debeyra	331=Kilelona Gamora	367=Rasana Heberto
35=Meglalana	70=Elidar	109=Nemegubi	144=Lakora	183=Hali Debe	222=Tutili	Mesked	297=Alelo	332=Hadeleala Town	368=Faronas Megenta
Lekuble	71=Siyaru Hilutekibu	110=Argale	Town	184=Angelile	223=Burka	259=Leykuma		333=Behole	-97=Other
36=Anderkalona	72=Galafi	111=Debure	145=Le'ad	185=Buri		260=Lekura		334=Atayena Rawa	888=Don't Know
Kelaytu	73=Dobi Paradizo	112=Ayitura	146=Inbile	186=Asoba					999=Prefer Not To Respond
37=Teaboyana	74=Wuha Limat	113=Yelabay	147=Dalegoso						
Hbeletale	75=Dibanina Wuhin		148=Adu						
38=Dubti Town	76=Akule		149=Garbena						

CONTINUED—SECTION J. GRAZING AREAS: AREAS USED

	J.7	J.8	J.9	J.9o	J.10	J.11
	lgau_areaseason	lgau_permission	lgau_whopermission	lgau_whopermission	lgau_years	lgau_traveltime
Grazing Area ID	Is this a wet season or a dry season grazing area? 1=wet season 2=dry season 888=Don't know 999=Prefer not to respond	Do people in your ganta need permission to move your livestock here? 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Who does your ganta obtain permission from? 1=Clan leader (Kedo abba) 2=Sub clan leader (Gulub abba), 3=Fiema Abba, (rules/regulations/ age group leader) 4=Duwa Abba (customary grazing leader) 5=Daar-Idolla (elder/customary leader - general) 6=PA official, 7=Woreda official, 8=National gov 9=National/regional govt 10=Formal court 11=Owner of Land 12=Religious leader 13=No one 888=Don't know 999=Prefer not to respond	Other, specify	Over the past 5 years, when have you moved livestock to this grazing area? 1=2016 2=2015 3=2014 4=2013 5=2012 888=Don't know 999=Prefer not to respond	How long does it take to walk here (in days)?
1						
2						
3						
4						
5						

CONTINUED—SECTION J. GRAZING AREAS: AREAS USED

Now I am going to ask you some questions about the wet and dry season grazing areas that your ganta has used in the last 10 years, including the ones that you migrate to. *These are grazing areas used for regular seasonal grazing movements.*

	J.12	J.13	J.14	J.15
	lgau_feedcamgoat	lgau_feedcattsheep	lgau_condition	lgau_conservation
Grazing Area ID	Please describe the current condition of the feed preferred for goats and camels (browse plants) in this grazing area. 1=There is a lot of feed and it is high quality. 2=There is a lot of feed but it is low quality. 3=There is little feed either high/low quality 888=Don't know 999=Prefer not to respond	Please describe the current condition of the feed preferred for cattle and sheep (grazing pasture/grasses) in this grazing area. 1=There is a lot of feed and it is high quality. 2=There is a lot of feed but it is low quality. 3=There is little feed either high/low quality 888=Don't know 999=Prefer not to respond	How would you describe the current condition of this grazing area overall? 1=Very bad 2=Bad 3=Neither good nor bad 4=Good 5=Very good 888=Don't know 999=Prefer not to respond	Has your community invested time and effort for protection/conservation of this grazing area? 0=No 1=Yes 888=Don't know 999=Prefer not to respond <i>If No, skip to J.14</i>
1				
2				
3				
4				
5				

	J.16	J.17	J.18	J.19	J.20	J.21	J.21o
	lgau_cbushown	lgau_cbushgov	lgau_restrictuse	lgau_impwater	lgau_enclosed	lgau_otherimp	lgau_oth erimpo
Grazing Area ID	In this area, has your community CLEARED BUSH ON YOUR OWN 0=No 1=Yes 888=Don't know 999=Prefer not to respond	In this area, has your community CLEARED BUSH WITH SUPPORT FROM AN NGO OR GOV 0=No 1=Yes 888=Don't know 999=Prefer not to respond	In this area, has your community ENFORCED RESTRICTIONS ON CERTAIN AREAS 0=No 1=Yes 888=Don't know 999=Prefer not to respond	In this area, has your community IMPROVED WATER POINTS 0=No 1=Yes 888=Don't know 999=Prefer not to respond	In this area, has your community FENCED OFF ENCLOSURES FOR RESERVED GRAZING 0=No 1=Yes 888=Don't know 999=Prefer not to respond	In this area, has your community OTHER IMPROVEMENTS 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Other, specify
1							
2							
3							
4							
5							

CONTINUED—SECTION J. GRAZING AREAS: AREAS USED

Please tell me how much you agree or disagree with the following statements.

	J.22	J.23	J.24	J.25	J.26	J.27
	lgau_areachange	lgau_dechmnpop	lgau_decanmlpop	lgau_decinvestors	lgau_decenclosures	lgau_decnorain
Grazing Area ID	During the last 5 years, has there been any change to the size/area of this grazing area? 1=Increased greatly 2=Increased slightly 3=Stayed the same 4=Decreased slightly 5=Decreased greatly 888=Don't know 999=Prefer not to respond <i>If 3, skip to J.16</i>	Over the past 5 years, HUMAN POPULATION INCREASE has been an important factor in explaining the decreasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Over the past 5 years, LIVESTOCK POPULATION INCREASE has been an important factor in explaining the decreasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Over the past 5 years, THE EXPANSION OF INVESTORS/ BIG FARMS has been an important factor in explaining the decreasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Over the past 5 years, THE EXPANSION OF PRIVATE GRAZING ENCLOSURES has been an important factor in explaining the decreasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Over the past 5 years, LACK OF RAIN has been an important factor in explaining the decreasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond
1						
2						
3						
4						
5						

CONTINUED—SECTION J. GRAZING AREAS: AREAS USED

	J.28	J.29	J.30	J.31	J.32	J.33a	J.33o	J.33b
	lgau_decerosion	lgau_decmanage	lgau_decbushburn	lgau_decbushgrowing	lgau_decnoggrass	lgau_decother	lgau_decothero	lgau_decotherimp
Grazing Area ID	Over the past 5 years, SOIL EROSION has been an important factor in explaining the decreasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Over the past 5 years, POOR RANGELAND MANAGEMENT has been an important factor in explaining the decreasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Over the past 5 years, BUSH BURNING BAN has been an important factor in explaining the decreasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Over the past 5 years, GROWTH OF UNWANTED TREES/SHRUBS has been an important factor in explaining the decreasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Over the past 5 years, LACK OF GRASS has been an important factor in explaining the decreasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Is there any other reason the size/area has decreased? 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Other, specify	Over the past 5 years, OTHER has been an important factor in explaining the decreasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond
1								
2								
3								
4								
5								

CONTINUED—SECTION J. GRAZING AREAS: AREAS USED

Over the past 10 years, please tell me how important each of the following factors has been in explaining the increasing size/area of the rangeland where your wet season herding takes place.

	J.34	J.35	J.36	J.37	J.38	J.39a	J.39o	J.39b
	lgau_incwaterf ac	lgau_incbushcl ear	lgau_incmorer ain	lgau_incbetter soil	lgau_incmanag e	lgau_incother hero	lgau_incot hero	lgau_incotheri mp
Grazing Area ID	Over the past 5 years DEVELOPMENT OF WATER FACILITIES has been an important factor in explaining the increasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Over the past 5 years, BUSH CLEARING as been an important factor in explaining the increasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Over the past 5 years, ABUNDANT RAIN has been an important factor in explaining the increasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Over the past 5 years, IMPROVED SOIL CONDITION has been an important factor in explaining the increasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Over the past 5 years, BETTER RANGELAND MANAGEMENT PRACTICES has been an important factor in explaining the increasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Is there any other reason the size/area has increased? 0=No 1=Yes 888=Don't know 999=Prefer not to respond	Other, Specify 1=Human settlement	Over the past 5 years, OTHER has been an important factor in explaining the increasing area of this wet season grazing area 0=No 1=Yes 888=Don't know 999=Prefer not to respond
1								
2								
3								
4								
5								

SECTION K. GRAZING AREAS: RULES

I am now going to ask about rules that regulate or restrict any of the following activities on the **rangeland or grazing areas** used by the ganta members. For each activity, please describe the rule, if it exists. If the rule changes based on the time of year, please explain how.

Activity ID	K.1	K.2	K.2o	K.3	K.3o
	Are there rules in this ganta that regulate or restrict this activity in grazing areas? 0=No 1=Yes 888=Don't know 999=Prefer not to respond <i>If No, skip to next activity</i>	Who is primarily responsible for making rules about (use of grazing)? (ACTIVITY) 1=Clan leader (Kedo abba) 2=Sub clan leader (Gulub abba), 3=Fiema Abba, (rules/regulations/ age group leader) 4=Duwa Abba (customary grazing leader) 5=Daar-Idolla (elder/customary leader - general) 6=PA official, 7=Woreda official, 8=National gov 9=National/regional govt 10=Formal court 11=Owner of Land 12=Religious leader 13=No one 888=Don't know 999=Prefer not to respond	Other, specify	Who is primarily responsible for enforcing rules about (ACTIVITY) 1=Clan leader (Kedo abba) 2=Sub clan leader (Gulub abba), 3=Fiema Abba, (rules/regulations/ age group leader) 4=Duwa Abba (customary grazing leader) 5=Daar-Idolla (elder/customary leader - general) 6=PA official, 7=Woreda official, 8=National gov 9=National/regional govt 10=Formal court 11=Owner of Land 12=Religious leader 13=No one 888=Don't know 999=Prefer not to respond	Other, specify
a. Opening of wet season pastures	lgar_openws pasture	lgar_owspwhorule	lgar_owspwhoruleo	lgar_owspenforce	lgar_owspe nforceo
b. Closing of wet season pastures	lgar_closews pasture	lgar_cwspwhorule	lgar_cwspwhoruleo	lgar_cwspenforce	lgar_cwspe nforceo
c. Opening of dry season pastures	lgar_opendsp asture	lgar_odspwhorule	lgar_odspwhoruleo	lgar_odspenforce	lgar_odspe nforceo
d. Closing of dry season pastures	lgar_closedsp asture	lgar_cdspwhorule	lgar_cdspwhoruleo	lgar_cdspenforce	lgar_cdspe nforceo
e. Dry stock allowed in different areas than wet stock	lgar_stockare as	lgar_sawhorule	lgar_sawhoruleo	lgar_saenforce	lgar_saenfo rceo
f. Cutting down of certain trees in dry season grazing areas	lgar_cuttingt rees	lgar_ctwhorule	lgar_ctwhoruleo	lgar_ctenforce	lgar_ctenfo rceo
g. Access to water points	lgar_waterac cess	lgar_wawhorule	lgar_wawhoruleo	lgar_waenforce	lgar_waenf orceo
h. Order of watering	lgar_wateror der	lgar_wowhorule	lgar_wowhoruleo	lgar_woenforce	lgar_woenf orceo

CONTINUED—SECTION K. GRAZING AREAS: RULES

	K.4	K.5	K.6
Activity ID	<p>In your opinion, how often is this rule enforced?</p> <p>1=Offenders are always caught and punished 2=Offenders are most of the time caught and punished 3=Offenders are sometimes caught and punished 4=Offenders are rarely caught and punished 5=Offenders are never caught and punished 6=Only certain groups of people are caught and punished 888=Don't know 999=Prefer not to respond</p>	<p>In your opinion, what proportion of ganta members follow these rules?</p> <p>1=Nearly everyone in the village 2=Most ganta members 3>About half of the village 4=Some/a few members of the village 5=No one follows the rules 888=Don't know 999=Prefer not to respond</p>	<p>Are there penalties for rule breaking? Significant violation only.</p> <p>0=No 1=Yes 888=Don't know 999=Prefer not to respond</p> <p><i>If No or 888/999, skip to K.8</i></p>
a. Opening of wet season pastures	lgar_owspfollow	lgar_owspoften	lgar_owsppenalty
b. Closing of wet season pastures	lgar_cwspoftenforce	lgar_cwspfollow	lgar_cwsppenalty
c. Opening of dry season pastures	lgar_odspenoften	lgar_odspfollow	lgar_odspenalty
d. Closing of dry season pastures	lgar_cdspoften	lgar_cdspfollow	lgar_cdspenalty
e. Dry stock allowed in different areas than wet stock	lgar_saoften	lgar_safollow	lgar_sapenalty
f. Cutting down of certain trees in dry season grazing areas	lgar_ctoften	lgar_ctfollow	lgar_ctpenalty
g. Access to water points	lgar_waoften	lgar_wafollow	lgar_wapenalty
h. Order of watering	lgar_wooften	lgar_wofollow	lgar_wopenalty

SECTION L. DISPUTE INCIDENCE AND MANAGEMENT: WITH OTHER GANTAS

Now I would like to ask you about disagreements about grazing areas and resources. First I am going to ask about disagreements with other gantas.

L.1	ldog_dispute	In the past year, how many disagreements has your ganta experience with other gantas?	(integer)
L.2	ldog_allocation	How many disagreements were about land allocation?	(integer)
L.3	ldog_boundaries	How many disagreements were about boundaries?	(integer)
L.4	ldog_water	How many disagreements were about water resources?	(integer)
L.5	ldog_grazing	How many disagreements were about grazing of livestock on land in this village?	(integer)
L.6	ldog_fencing	How many disagreements were about fencing on land in this village?	(integer)
L.7	ldog_otheryn	Were there any other disagreements? 0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)
L.7o	ldog_othero	b What were the other disputes about?	(text)
L.8	ldog_other	How many disputes occurred about \${ldog_othero}?	(integer)
L.9	ldog_destruction	How many disagreements resulted in destruction of property, including loss of livestock?	(integer)
L.10	ldog_violence	How many disagreements resulted in violence (between people)?	(integer)
L.11	ldog_resolveyn	How many disagreements have been resolved?	(integer)
L.12	ldog_grzdisnumchg	Compared to five years ago, do you think the number of ALL grazing area and resource related disagreements that your ganta faces with other gantas has increased, decreased, or stayed the same? 1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)
L.13	ldog_bnddisnumchg	Compared to five years ago, do you think the number of grazing area and resource disagreements RELATED TO BOUNDARIES ONLY that your ganta faces with other gantas has increased, decreased, or stayed the same? 1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)

L.14	ldog_grzdiss evchg	Compared to five years ago, do you think the severity of grazing area related disagreements (between your ganta and other gantas) has increased, decreased, or stayed the same?	1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)
L.15	ldog_bnddiss evchg	Compared to five years ago, do you think the severity of grazing area and resource disagreements RELATED TO BOUNDARIES ONLY that your ganta faces with other gantas has increased, decreased, or stayed the same?	1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)
L.16	ldog_genwho resolve	In general, when disagreements over grazing areas and resources arise between your ganta and other gantas, who plays a role in resolving those disagreements?	1=Clan leader (Kedo abba) 2=Sub clan leader (Gulub abba), 3=Fiema Abba, (rules/regulations/ age group leader) 4=Duwa Abba (customary grazing leader) 5=Daar-Idolla (elder/ customary leader - general) 6=PA official, 7=Woreda official, 8=National gov 9=National/regio nal govt 10=Formal court 11=Owner of Land 12=Religious leader 13=No one 888=Don't know 999=Prefer not to respond	(code)
L.16o	ldog_genwho resolveo	Other, specify	(text)	
L.17	ldog_genpro cfair	In general, do you think the process of resolving disagreements is fair to all parties involved?	1=Strongly agree 2=Agree 3=Neutral 4=Disagree 5=Strongly disagree 888=Don't know 999=Prefer not to respond	(code)
L.18	ldog_genwhy notfair	Why do you not think this is fair?	(text)	
L.19	ldog_genbrin gpeace	In your opinion, how likely is it that this process of resolving disagreements will bring about a lasting peace?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)

SECTION M. DISPUTE INCIDENCE AND MANAGEMENT: WITH OTHER CLANS

Now I am going to ask you about disagreements with other clans.

M.1	ldoc_dispute	In the past year, how many disagreements has your ganta experience with other clans?	(integer)
M.2	ldoc_allocation	How many disagreements were about land allocation?	(integer)
M.3	ldoc_boundaries	How many disagreements were about boundaries?	(integer)
M.4	ldoc_water	How many disagreements were about water resources?	(integer)
M.5	ldoc_grazing	How many disagreements were about grazing of livestock on land in this village?	(integer)
M.6	ldoc_fencing	How many disagreements were about fencing on land in this village?	(integer)
M.7	ldoc_otheryn	Were there any other disagreements?	0=No 1=Yes 888=Don't know 999=Prefer not to respond (code)
M.7o	ldoc_othero	b What were the other disputes about?	1=Village land / grazing areas 2=Marital disputes / Cheating on spouse 3=Name of the village 4=Tree cutting
M.8	ldoc_other	How many disputes occurred about \${ldoc_othero}?	(integer)
M.9	ldoc_destruction	How many disagreements resulted in destruction of property, including loss of livestock?	(integer)
M.10	ldoc_violence	How many disagreements resulted in violence (between people)?	(integer)
M.11	ldoc_resolveyn	How many disagreements have been resolved?	(integer)
M.12	ldoc_grzdisnumchg	Compared to five years ago, do you think the number of ALL grazing area and resource related disagreements that your ganta faces with other clans has increased, decreased, or stayed the same?	1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond (code)
M.13	ldoc_bnddisnumchg	Compared to five years ago, do you think the number of grazing area and resource disagreements RELATED TO BOUNDARIES ONLY that your ganta faces with other clans has increased, decreased, or stayed the same?	1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond (code)

M.14	ldoc_grzdiss evchg	Compared to five years ago, do you think the severity of grazing area related disagreements (between your ganta and other clans) has increased, decreased, or stayed the same?	1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)
M.15	ldoc_bnddiss evchg	Compared to five years ago, do you think the severity of grazing area and resource disagreements RELATED TO BOUNDARIES ONLY that your ganta faces with other clans has increased, decreased, or stayed the same?	1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)
M.16	ldoc_genwho resolve	In general, when disagreements over grazing areas and resources arise between your ganta and other clans, who plays a role in resolving those disagreements?	1=Clan leader (Kedo abba) 2=Sub clan leader (Gulub abba), 3=Fiema Abba, (rules/regulations/ age group leader) 4=Duwa Abba (customary grazing leader) 5=Daar-Idolla (elder/customary leader - general) 6=PA official, 7=Woreda official, 8=National gov 9=National/regional govt 10=Formal court 11=Owner of Land 12=Religious leader 13=No one 888=Don't know 999=Prefer not to respond	(code)
M.16o	ldoc_genwho resolveo	Other, specify	(text)	
M.17	ldoc_genpro cfair	In general, do you think the process of resolving disagreements is fair to all parties involved?	1=Strongly agree 2=Agree 3=Neutral 4=Disagree 5=Strongly disagree 888=Don't know 999=Prefer not to respond	(code)
M.18	ldoc_genwhy notfair	Why do you not think this is fair?	(text)	
M.19	ldoc_genbrin gpeace	In your opinion, how likely is it that this process of resolving disagreements will bring about a lasting peace?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)

SECTION N. DISPUTE INCIDENCE AND MANAGEMENT: WITH OTHER ETHNIC GROUPS

Now I am going to ask you about disagreements with other ethnic groups.

N.1	ldoeg_dispute	In the past year, how many disagreements has your ganta experience with other ethnic groups?	(integer)
N.2	ldoeg_allocation	How many disagreements were about land allocation?	(integer)
N.3	ldoeg_boundaries	How many disagreements were about boundaries?	(integer)
N.4	ldoeg_water	How many disagreements were about water resources?	(integer)
N.5	ldoeg_grazing	How many disagreements were about grazing of livestock on land in this village?	(integer)
N.6	ldoeg_fencing	How many disagreements were about fencing on land in this village?	(integer)
N.7	ldoeg_others	Were there any other disagreements? 0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)
N.7o	ldoeg_others	b What were the other disputes about?	(text)
N.8	ldoeg_others	How many disputes occurred about \${ldog_otherso}?	(integer)
N.9	ldoeg_destruction	How many disagreements resulted in destruction of property, including loss of livestock?	(integer)
N.10	ldoeg_violence	How many disagreements resulted in violence (between people)?	(integer)
N.11	ldoeg_resolution	How many disagreements have been resolved?	(integer)
N.12	ldoeg_grazingdisnumchg	Compared to five years ago, do you think the number of ALL grazing area and resource related disagreements that your ganta faces with other ethnic groups has increased, decreased, or stayed the same? 1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)
N.13	ldoeg_bounddisnumchg	Compared to five years ago, do you think the number of grazing area and resource disagreements RELATED TO BOUNDARIES ONLY that your ganta faces with other ethnic groups has increased, decreased, or stayed the same? 1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)

N.14	Idoeg_grzdis sevchg	Compared to five years ago, do you think the severity of grazing area related disagreements (between your ganta and other ethnic groups) has increased, decreased, or stayed the same?	1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)
N.15	Idoeg_bnddis sevchg	Compared to five years ago, do you think the severity of grazing area and resource disagreements RELATED TO BOUNDARIES ONLY that your ganta faces with other ethnic groups has increased, decreased, or stayed the same?	1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)
N.16	Idoeg_genwh oresolve	In general, when disagreements over grazing areas and resources arise between your ganta and other ethnic groups, who plays a role in resolving those disagreements?	1=Clan leader (Kedo abba) 2=Sub clan leader (Gulub abba), 3=Fiema Abba, (rules/regulations/ age group leader) 4=Duwa Abba (customary grazing leader) 5=Daar-Idolla (elder/customary leader - general) 6=PA official, 7=Woreda official, 8=National gov 9=National/regional govt 10=Formal court 11=Owner of Land 12=Religious leader 13=No one 888=Don't know 999=Prefer not to respond	(code)
N.16o	Idoeg_genwh oresolveo	Other, specify	(text)	
N.17	Idoeg_genpr ocfair	In general, do you think the process of resolving disagreements is fair to all parties involved?	1=Strongly agree 2=Agree 3=Neutral 4=Disagree 5=Strongly disagree 888=Don't know 999=Prefer not to respond	(code)
N.18	Idoeg_genwh ynotfair	Why do you not think this is fair?	1=There is no solution 2=Because they don't hear the community	
N.19	Idoeg_genbri ngpeace	In your opinion, how likely is it that this process of resolving disagreements will bring about a lasting peace?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)

SECTION O. DISPUTE INCIDENCE AND MANAGEMENT: WITH GOVERNMENT OFFICIALS

Now I am going to ask you about disagreements with government officials.

O.1	ldogo_dispute	In the past year, how many disagreements has your ganta experience with other government officials?	(integer)
O.2	ldogo_allocation	How many disagreements were about land allocation?	(integer)
O.3	ldogo_boundaries	How many disagreements were about boundaries?	(integer)
O.4	ldogo_water	How many disagreements were about water resources?	(integer)
O.5	ldogo_grazing	How many disagreements were about grazing of livestock on land in this village?	(integer)
O.6	ldogo_fencing	How many disagreements were about fencing on land in this village?	(integer)
O.7	ldogo_otheryn	Were there any other disagreements? 0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)
O.7o	ldogo_othero	b What were the other disputes about? 1=Village land / grazing areas 2=Marital disputes / Cheating on spouse 3=Name of the village 4=Tree cutting	
O.8	ldogo_other	How many disputes occurred about \${ldog_othero}?	(integer)
O.9	ldogo_destruction	How many disagreements resulted in destruction of property, including loss of livestock?	(integer)
O.10	ldogo_violence	How many disagreements resulted in violence (between people)?	(integer)
O.11	ldogo_resolution	How many disagreements have been resolved?	(integer)
O.12	ldogo_grzdisnumchg	Compared to five years ago, do you think the number of ALL grazing area and resource related disagreements that your ganta faces with other government officials has increased, decreased, or stayed the same? 1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)
O.13	ldogo_bnddisnumchg	Compared to five years ago, do you think the number of grazing area and resource disagreements RELATED TO BOUNDARIES ONLY that your ganta faces with other government officials has increased, decreased, or stayed the same? 1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)

O.14	ldogo_grzdis sevchg	Compared to five years ago, do you think the severity of grazing area related disagreements (between your ganta and other government officials) has increased, decreased, or stayed the same?	1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)
O.15	ldogo_bnddis sevchg	Compared to five years ago, do you think the severity of grazing area and resource disagreements RELATED TO BOUNDARIES ONLY that your ganta faces with other government officials has increased, decreased, or stayed the same?	1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)
O.16	ldogo_genwh oresolve	In general, when disagreements over grazing areas and resources arise between your ganta and other government officials, who plays a role in resolving those disagreements?	1=Clan leader (Kedo abba) 2=Sub clan leader (Gulub abba), 3=Fiema Abba, (rules/regulations/ age group leader) 4=Duwa Abba (customary grazing leader) 5=Daar-Idolla (elder/customary leader - general) 6=PA official, 7=Woreda official, 8=National gov 9=National/regional govt 10=Formal court 11=Owner of Land 12=Religious leader 13=No one 888=Don't know 999=Prefer not to respond	(code)
O.16o	ldogo_genwh oresolveo	Other, specify	(text)	
O.17	ldogo_genpr ocfair	In general, do you think the process of resolving disagreements is fair to all parties involved?	1=Strongly agree 2=Agree 3=Neutral 4=Disagree 5=Strongly disagree 888=Don't know 999=Prefer not to respond	(code)
O.18	ldogo_genwh ynotfair	Why do you not think this is fair?	(text)	
O.19	ldogo_genbri ngpeace	In your opinion, how likely is it that this process of resolving disagreements will bring about a lasting peace?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)

SECTION P. DISPUTE INCIDENCE AND MANAGEMENT: WITH OUTSIDE INDIVIDUALS OR COMPANIES

Now I am going to ask you about disagreements with outside individuals or companies.

P.1	Idoic_dispute	In the past year, how many disagreements has your ganta experience with other outside individuals or companies?	(integer)
P.2	Idoic_allocation	How many disagreements were about land allocation?	(integer)
P.3	Idoic_boundaries	How many disagreements were about boundaries?	(integer)
P.4	Idoic_water	How many disagreements were about water resources?	(integer)
P.5	Idoic_grazing	How many disagreements were about grazing of livestock on land in this village?	(integer)
P.6	Idoic_fencing	How many disagreements were about fencing on land in this village?	(integer)
P.7	Idoic_otheryn	Were there any other disagreements? 0=No 1=Yes 888=Don't know 999=Prefer not to respond	(code)
P.7o	Idoic_othero	b What were the other disputes about?	(text)
P.8	Idoic_other	How many disputes occurred about \${Idog_othero}?	(integer)
P.9	Idoic_destruction	How many disagreements resulted in destruction of property, including loss of livestock?	(integer)
P.10	Idoic_violence	How many disagreements resulted in violence (between people)?	(integer)
P.11	Idoic_resolveyn	How many disagreements have been resolved?	(integer)
P.12	Idoic_grzdisnumchg	Compared to five years ago, do you think the number of ALL grazing area and resource related disagreements that your ganta faces with other outside individuals or companies has increased, decreased, or stayed the same? 1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)
P.13	Idoic_bnddisnumchg	Compared to five years ago, do you think the number of grazing area and resource disagreements RELATED TO BOUNDARIES ONLY that your ganta faces with other outside individuals or companies has increased, decreased, or stayed the same? 1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)
P.14	Idoic_grzdisevchg	Compared to five years ago, do you think the severity of grazing area related disagreements (between your ganta and other outside individuals or companies) has increased, decreased, or stayed the same? 1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)

P.15	Idoic_bnddis sevchg	Compared to five years ago, do you think the severity of grazing area and resource disagreements RELATED TO BOUNDARIES ONLY that your ganta faces with other outside individuals or companies has increased, decreased, or stayed the same?	1=Increased a lot 2=Increased a little 3=Remained the same 4=Decreased a little 5=Decreased a lot 888=Don't know 999=Prefer not to respond	(code)
P.16	Idoic_genwh oresolve	In general, when disagreements over grazing areas and resources arise between your ganta and other outside individuals or companies, who plays a role in resolving those disagreements?	1=Clan leader (Kedo abba) 2=Sub clan leader (Gulub abba), 3=Fiema Abba, (rules/regulations/ age group leader) 4=Duwa Abba (customary grazing leader) 5=Daar-Idolla (elder/customary leader - general) 6=PA official, 7=Woreda official, 8=National gov 9=National/regional govt 10=Formal court 11=Owner of Land 12=Religious leader 13=No one 888=Don't know 999=Prefer not to respond	(code)
P.16o	Idoic_genwh oresolveo	Other, specify	(text)	
P.17	Idoic_genpro cfair	In general, do you think the process of resolving disagreements is fair to all parties involved?	1=Strongly agree 2=Agree 3=Neutral 4=Disagree 5=Strongly disagree 888=Don't know 999=Prefer not to respond	(code)
P.18	Idoic_genwh ynotfair	Why do you not think this is fair?	(text)	
P.19	Idoic_genbri ngpeace	In your opinion, how likely is it that this process of resolving disagreements will bring about a lasting peace?	1=Impossible/would never happen 2=Very Unlikely 3=Unlikely 4=Likely 5=Very Likely 6=Happening right now 888=Don't know 999=Prefer not to respond	(code)

SECTION Q. CONCLUSION

Thank you for your participation. This concludes our survey.

Q.1-3		GPS coordinates	(integer)
Q.1	surveystatus	Enumerator: Please select the correct survey status from the list 1=Complete 2=Incomplete, come back 3=Incomplete, cannot finish 4=Did not consent	(code)
Q.2	reliable	On a scale of 1 to 5, 5 being very reliable, how reliable was the respondent?	(integer)
Q.3	lastcomment	Any additional comments?	(text)