

G.4.3 RESULTS OF RESOURCE MAPPING

ДОРНОГОВЬ АЙМАГ

ӨРГӨН СУМ

ГАЗРЫН НЭГДМЭЛ

САНГИЙН ЗУРАГ

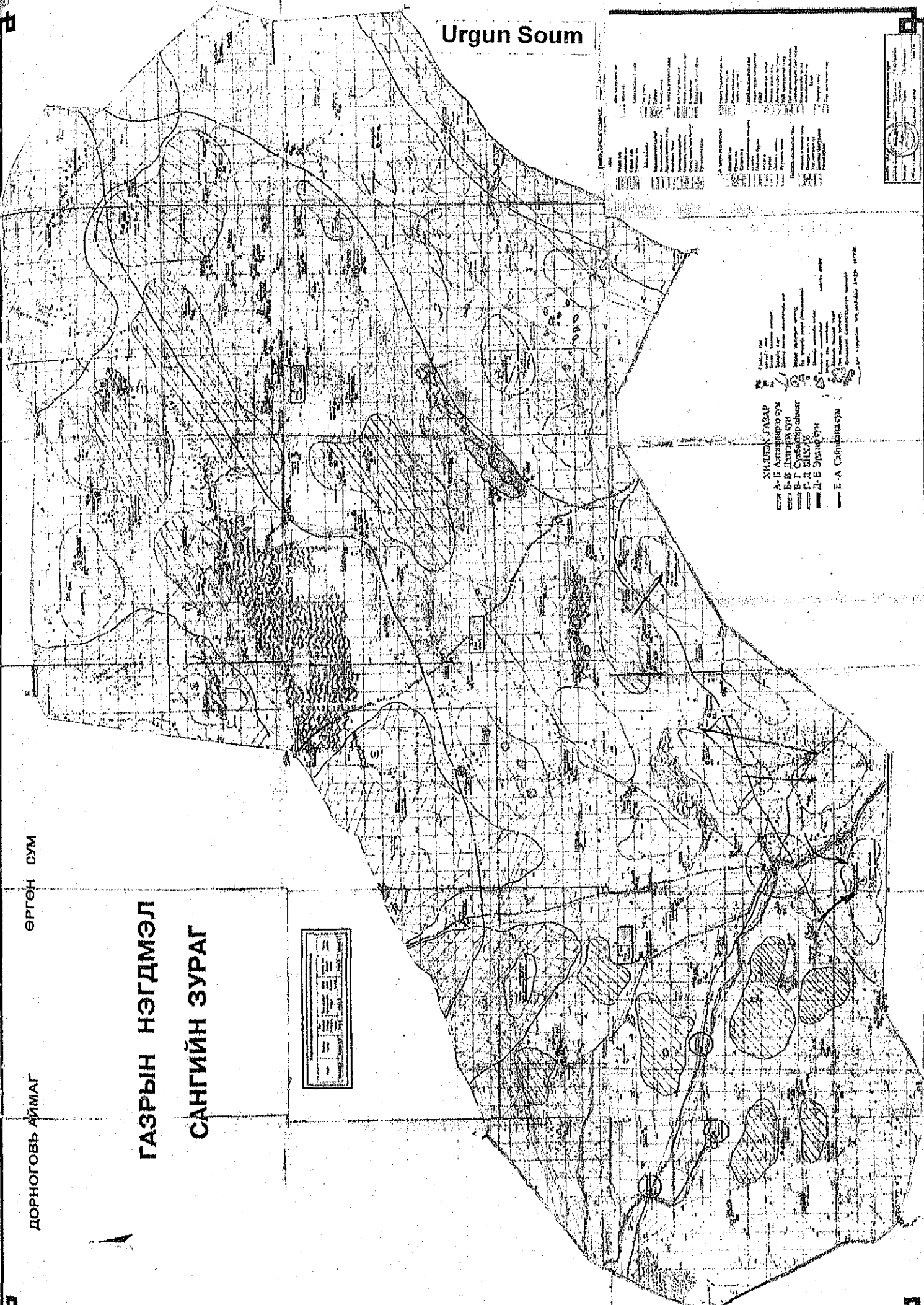
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Urgun Soum

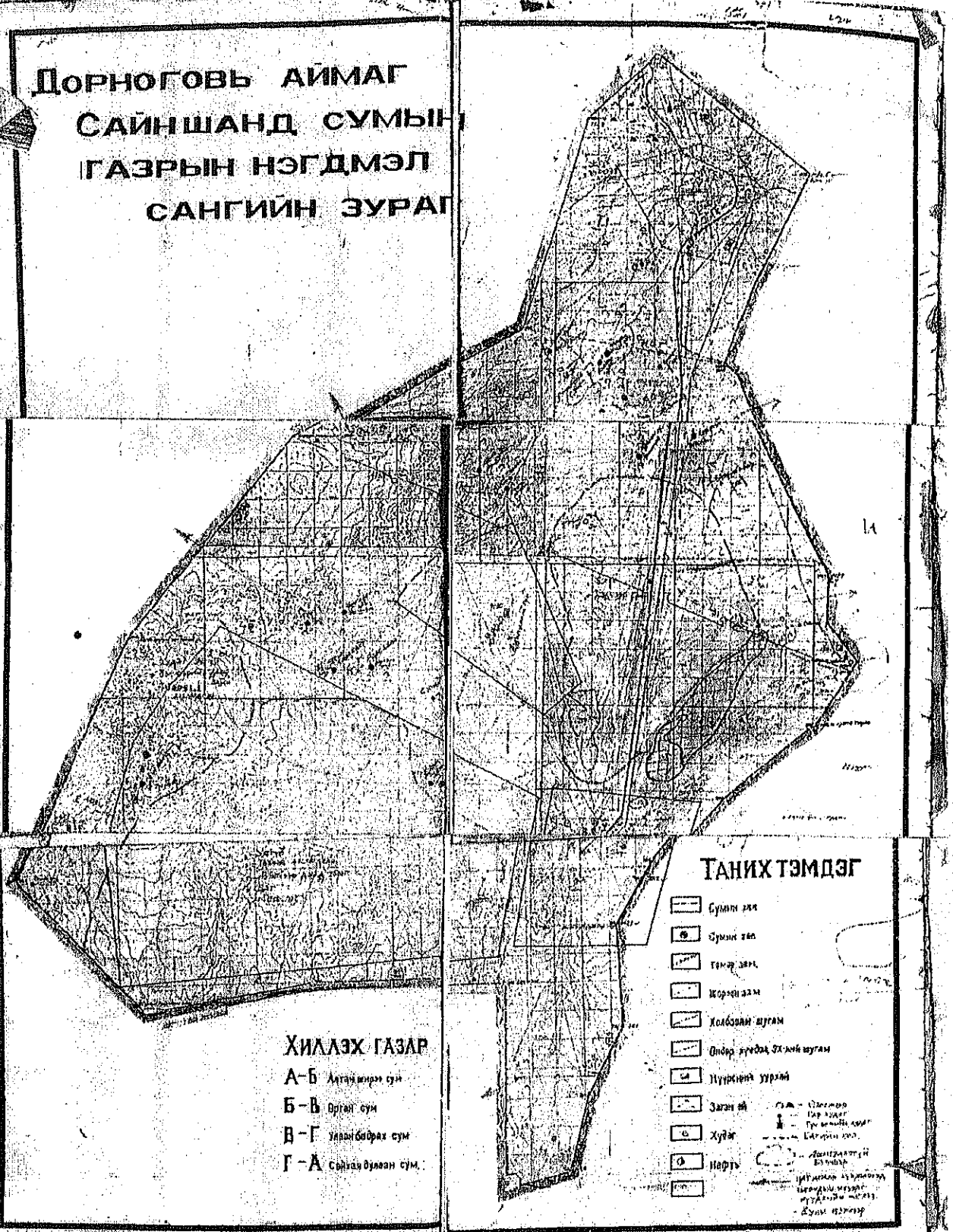
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Ургун сумын захирал	Ургун сумын захирлын орлогч	Ургун сумын захирлын орлогчийн орлогч	Ургун сумын захирлын орлогчийн орлогчийн орлогч	Ургун сумын захирлын орлогчийн орлогчийн орлогчийн орлогч

НИЙЛЭГ ГАЗАР

А - Б Астрахань сум	Б - В Дундговь сум	В - Г Сүхбаатар сум	Г - Д БНХУ	Д - Е Улаан сум	Е - А Сэлэнгэ сум
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Дорноговь аймаг
Сайншанд сумын
Газрын нэгдмэл
сангийн зураг



ХИЛЛЭХ ГАЗАР
 А-Б Атайнхонгор сум
 Б-В Оргон сум
 В-Г Явсанбадрах сум
 Г-А Сайнандулаан сум

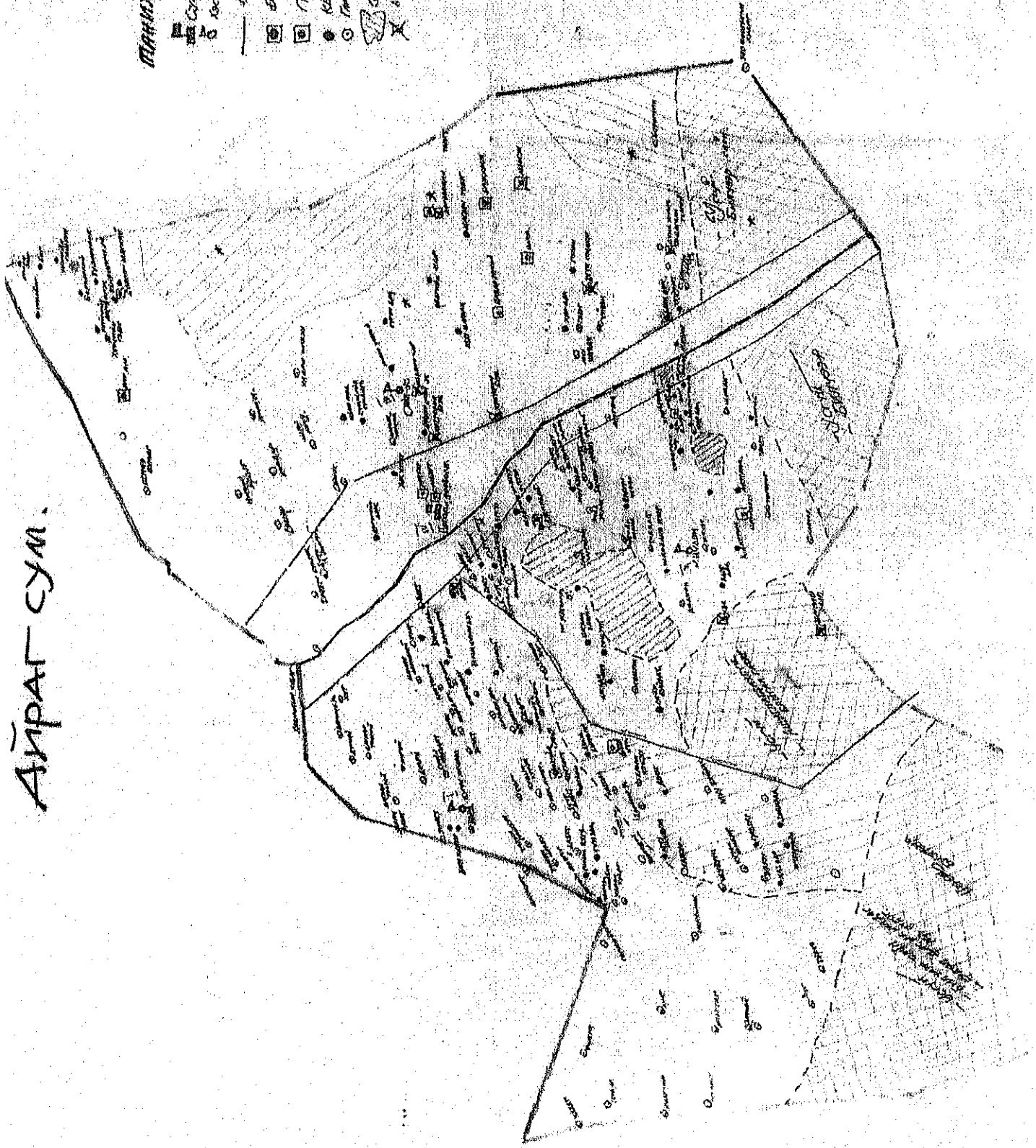
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- Сумын хязгаар
- Сумын төв
- Төмөр зам
- Иргэдийн замыг
- Холбооны шугам
- Өндөр дүүдэг, эхэнх шугам
- Нүүрсний уурхай
- Зарган ой
- Худай
- Нард
- Дотоодын хязгаар
- Улсын хязгаар
- Районы хязгаар
- Сумын хязгаар

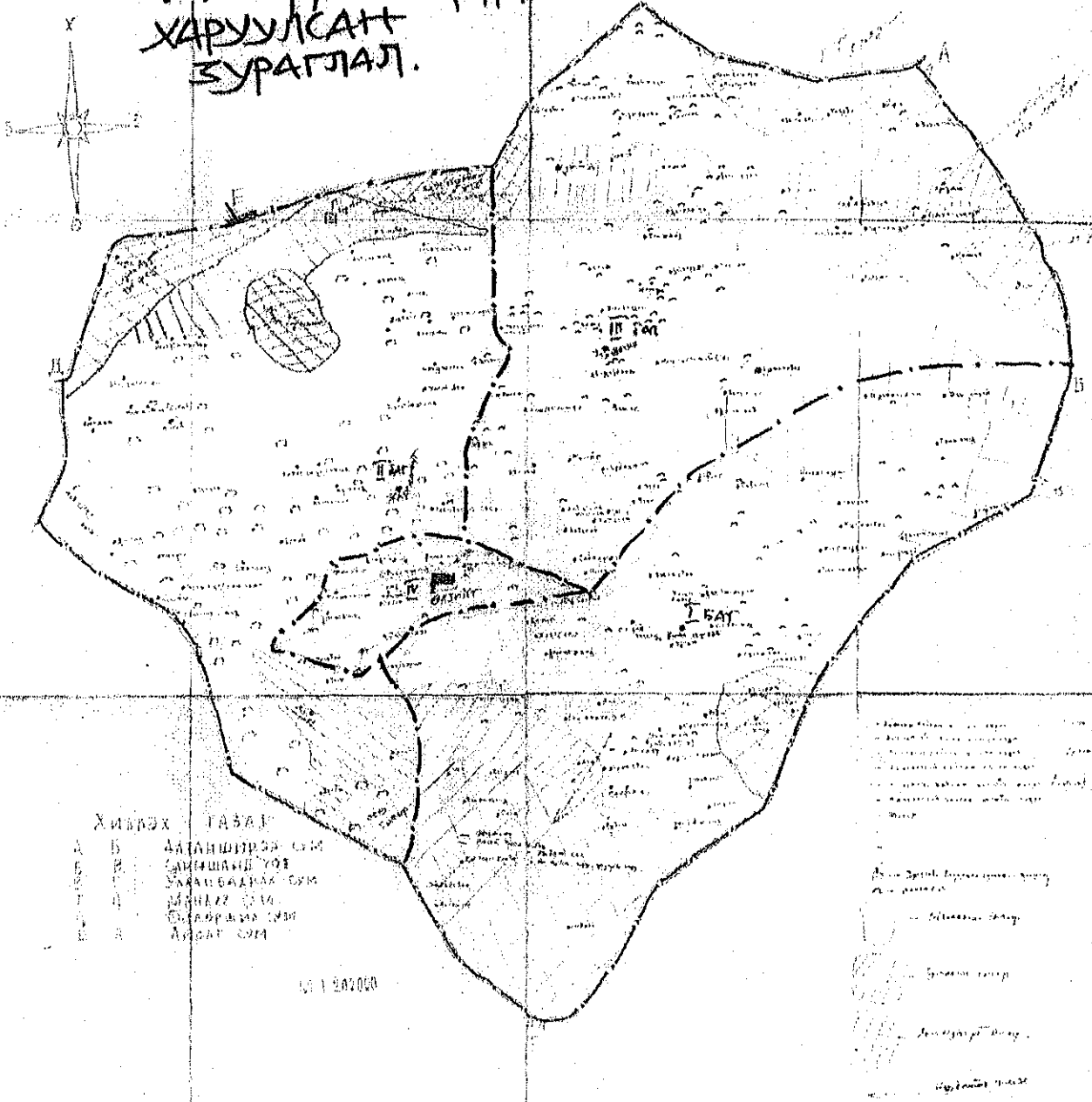
МАНИХ ТЭМДЭГ

- Орон сууцны тосгон
- Хэрүүлтийн тосгон
- Сэтгүүл, мөнгөний урсгал
- Боронгоо, шалтгаан, нугар
- Цахилгаан, хий, ус
- Хүлээгдэж байгаа үйлдвэр
- Төлөв
- ▨ Дундговь, дундговь
- ✕ Аюулгүй байдлын тусалга

АЙРАГ СУМ.



Дорноговь аймгийн Сайхандулаан
сумын бэлмээрийн зааг, усг цэг, ага
малчдын нүүдлийн чиглэлийг
харуулсан
зураглал.



Хийрэх ТАБЛАГ

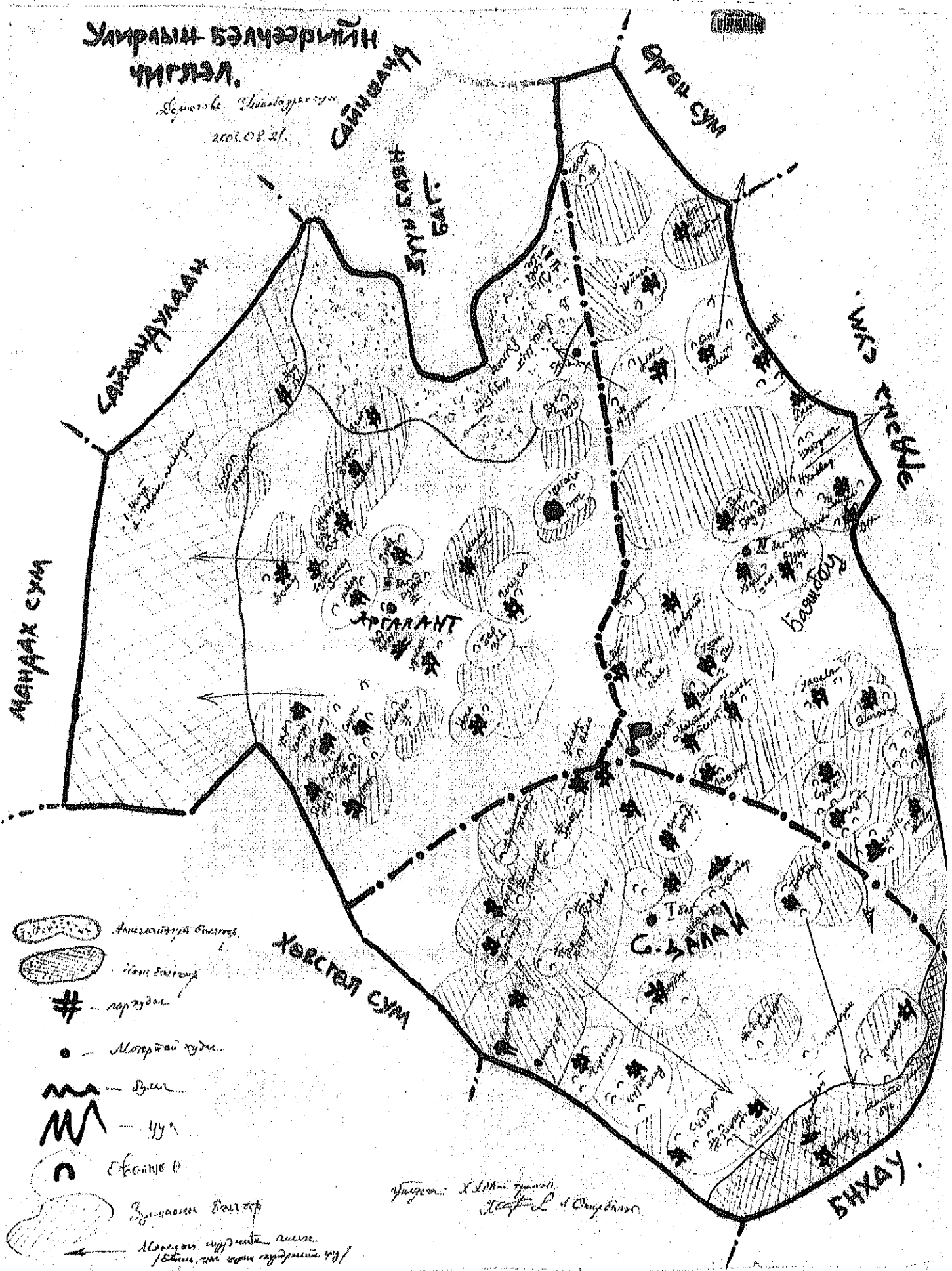
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Б	В	САМШИАНН УОГ
В	Г	СААНБАДРАА СУМ
Г	Д	МОНГОЛ УОГ
Д	Е	ӨЛӨӨРЖИЙН СУМ
Е	А	АЙДАГ СУМ

1:50,000

Legend and notes in Mongolian script, including symbols for roads, rivers, and other geographical features.

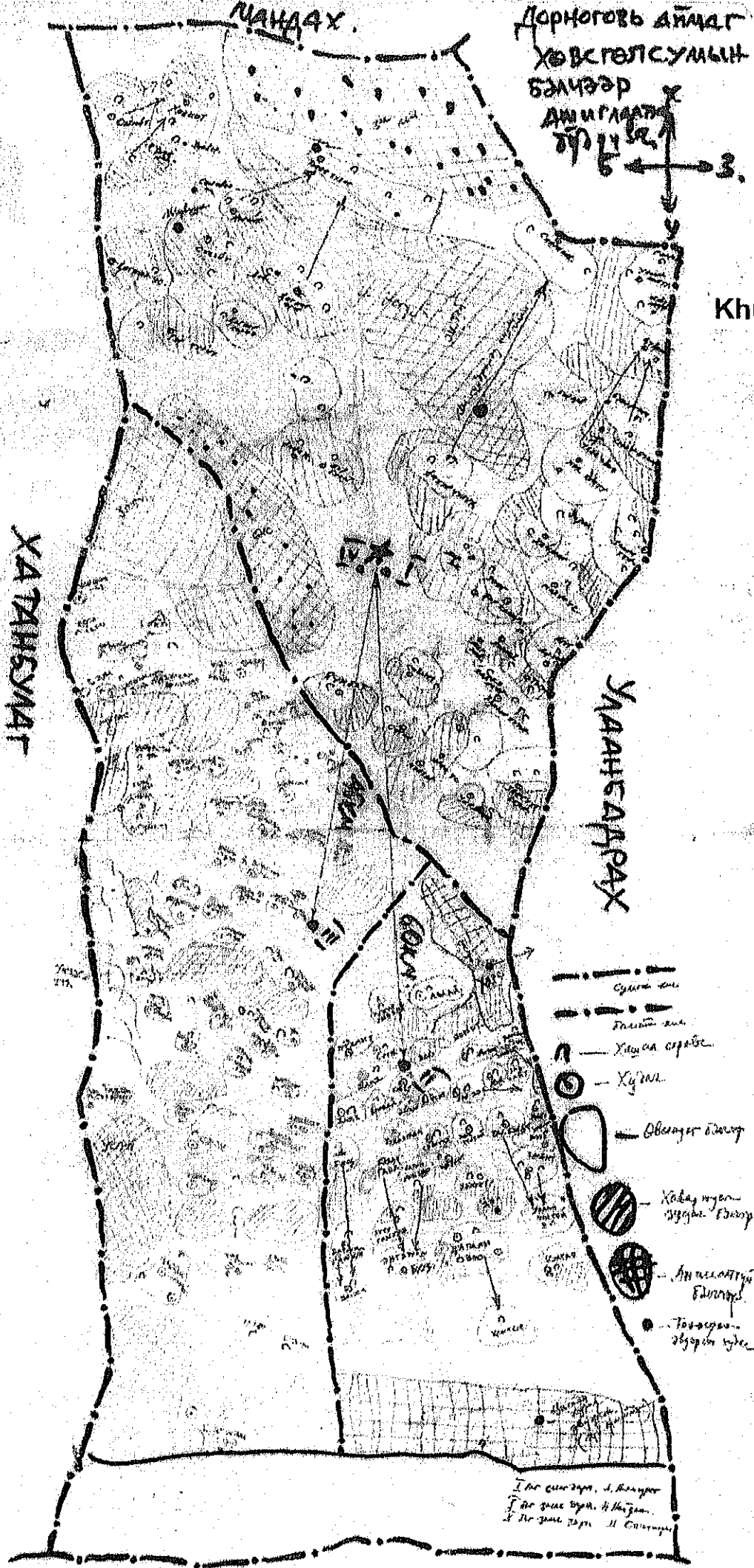
УИРЫН БЭЛЧЭЭРИЙН ЧИГЛЭЛ.

Дөрөвдөгч Улаанбаатар сум
2008.08.21.



- Амьсгалгүйн өвсхөн
- Нам өвсхөн
- Лар тудал
- Мотортой тудал
- Дунд
- Уул
- Өвсхөн
- Зуныхан өвсхөн
- Мөнгөн үржүүлэх ажил /Өвсхөн, усны үржүүлэх үйл/

Уугаарч: Х.САНЖАА
2008.08.21.



Khuvsugul Soum

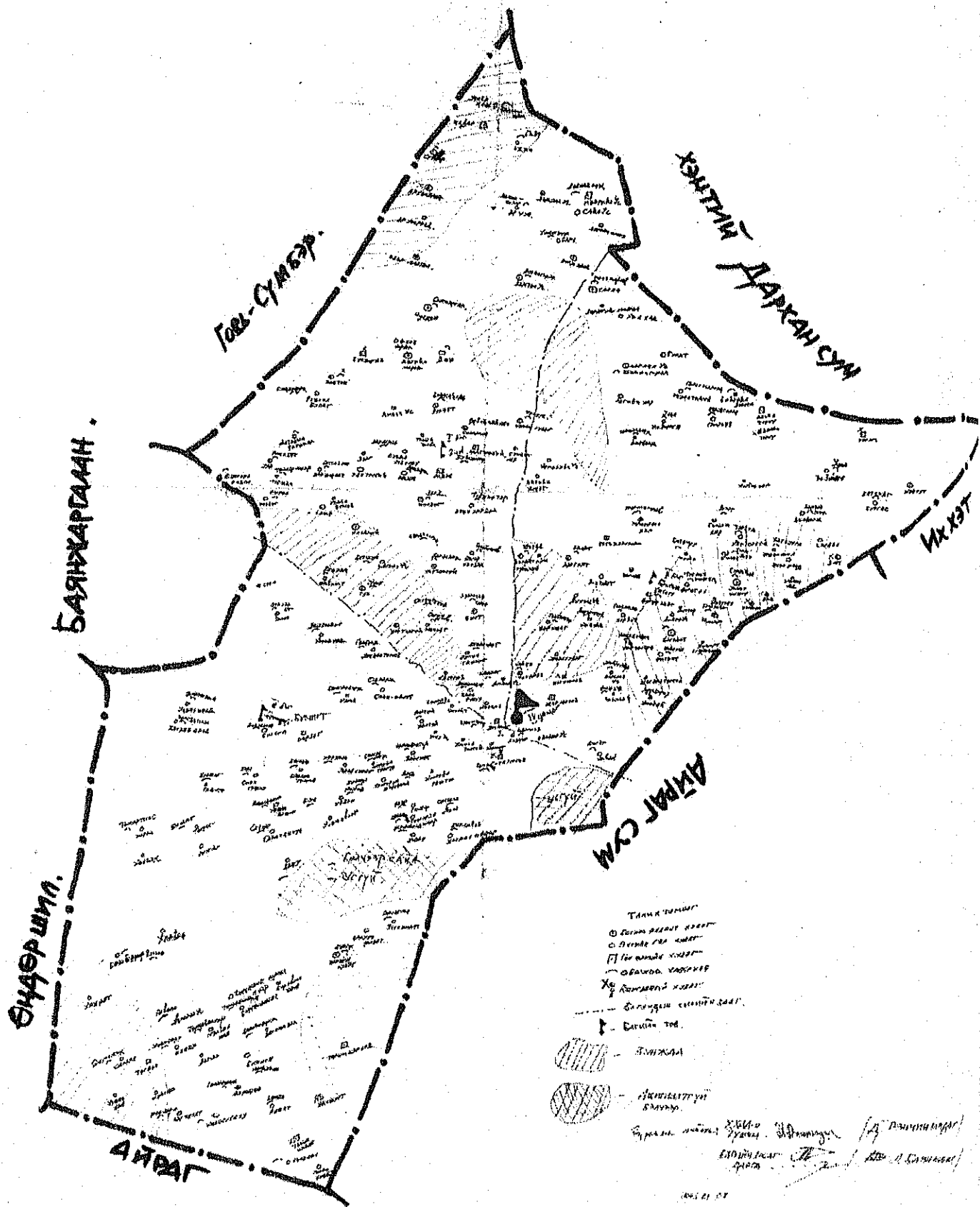
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- — — — — Талын зам
- — Хөвдөл сөрөг
- — Хүрэл
- — Обьондот бэлдэг
- — Хөвдөл нуган суурин бэлдэг
- — Амьжирлын бэлдэг
- — Төхөөрөг-зүүрчиг суурь

1 км суурьд, 1 км хөвдөл
 1 км хөвдөл суурь, 1 км хөвдөл
 1 км хөвдөл суурь, 1 км хөвдөл

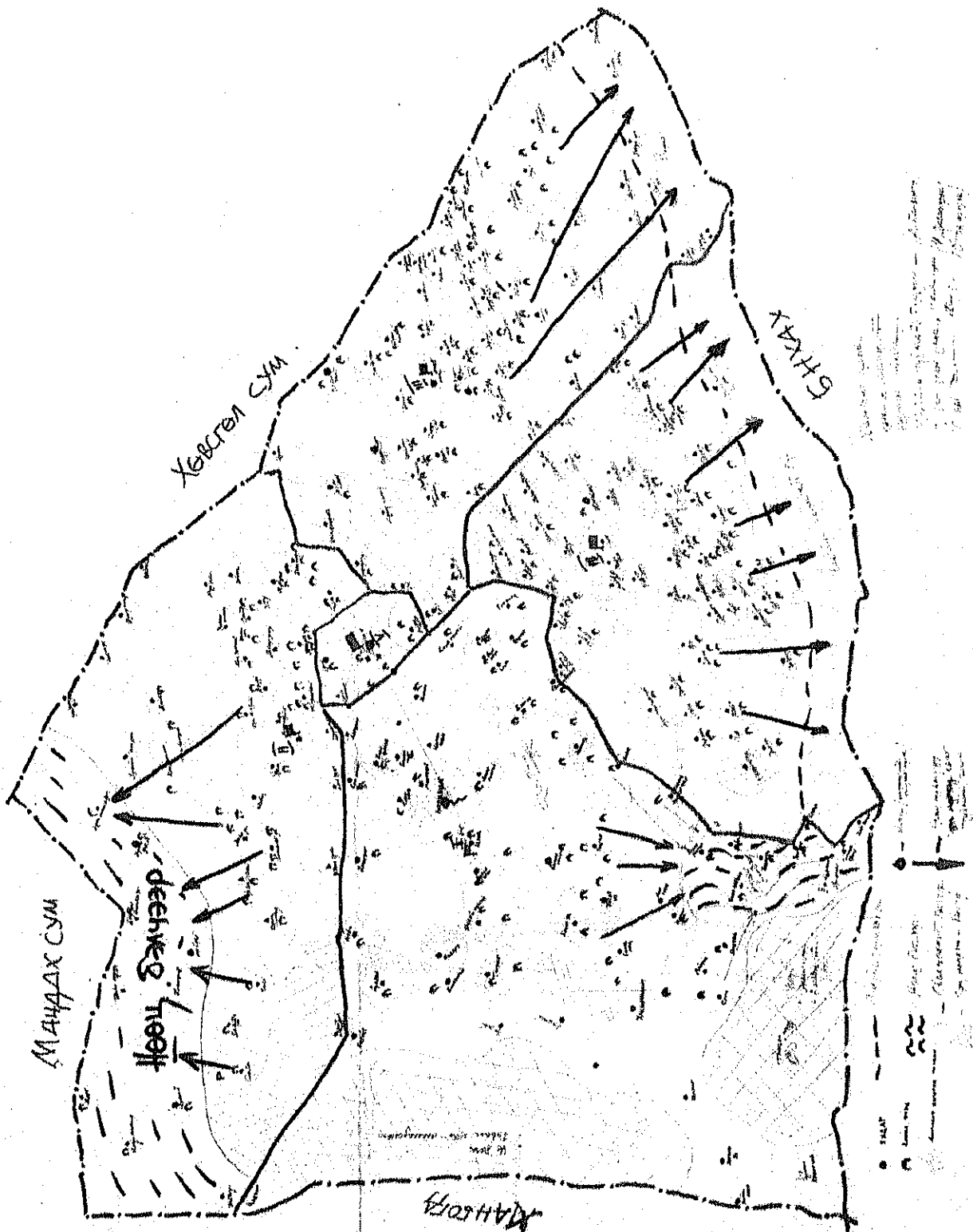
БНХАУ

Дорнодговь аймгийн Даланжаргалан
сумын хөт цэг, бэлчээрүүдийн
бүтэц зурвас.

Daranjargalan Soum



ХАТАНБУЛАГ СУМЫН
БЭЛЧЭЭРИЙН БҮДҮҮЭГЧ
ЗУРАГЛАЛ.



Дорноговь Эрдэнэ сум

ӨРГӨН СУМ

○ андур хурдан

○ НОБТ.



УЛАНБААТРАХ СУМ

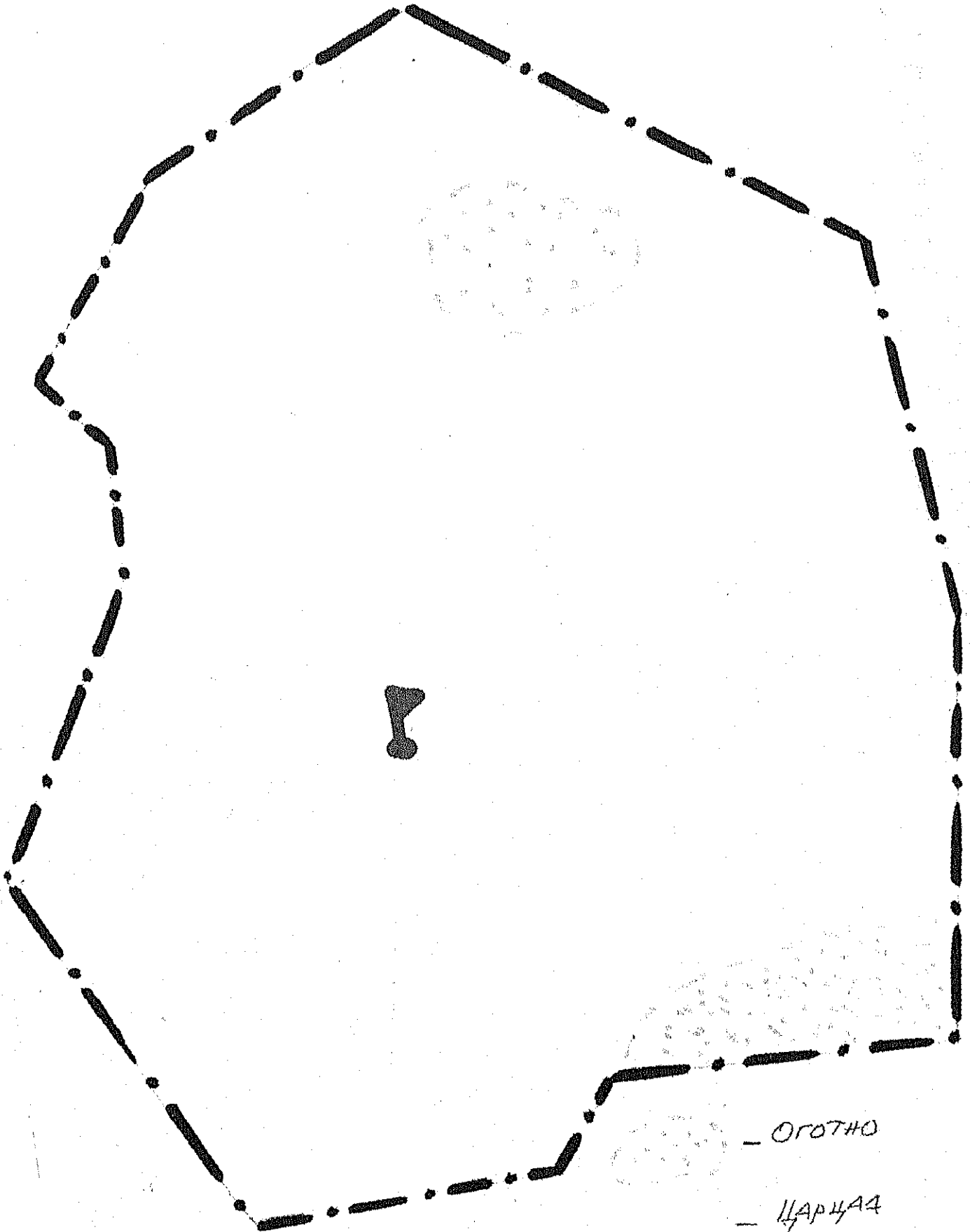
ЗАМЫН-УУДА

- — — — — УЛСЫН ХИЛ
- — — — — СУМЫН ХИЛ
- — — — — БАГИЙН ХИЛ
- ✕ — БАГИЙН ТӨВ
- Р — СУМЫН ТӨВ
- — — — — Төмөр зам

- ЧУЛУУНБААТАР
- БАНДА
- БАЯРМАГНАЙ
- ВАЗИЙ ХУТАГ
- ЦОГВАДРАХ
- ГАНБОЛД
- МОНХБААТАР
- ГЭНДЭНСҮРЭН

ДЭЛГЭРЭХ СУМЫН НУТАГТ
БЭЛЧЭЭРИЙН ХОРТОН ШАВХУЙН
ТАРХАЛТ

Delgarkh Soum



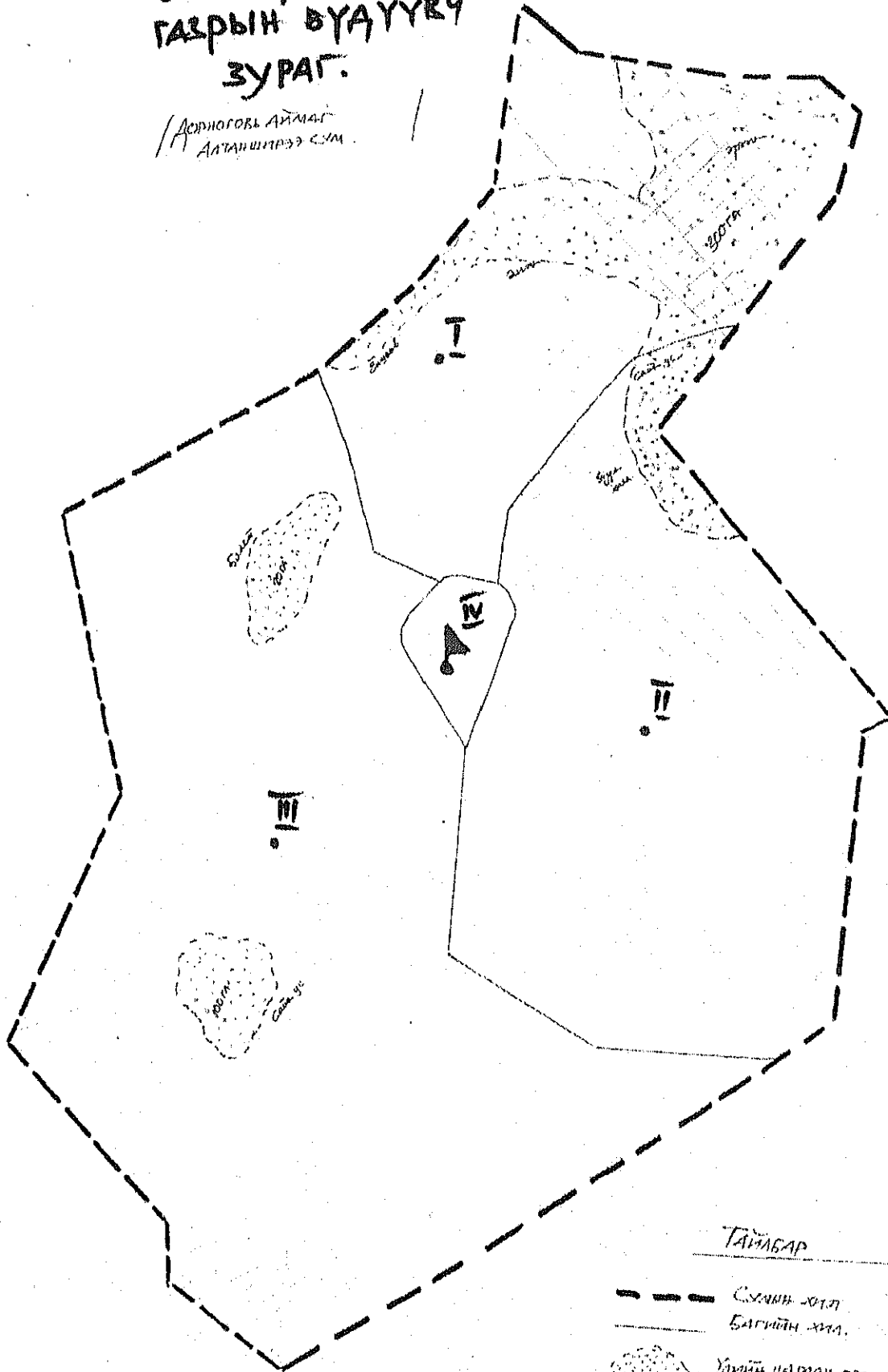
— ОГОТНО

— ЦАРЦАА

Хортон мэрэгчдийн
 бэлчээрт тархсан
 газрын бүдүүвч
 зураг.

Altanshiree Soum

Дорноговь Аймаг
 Алтанширээ сум



Тайлбар

- Сумын хилийн хил
- Багийн хил
- Үлийн цагаан огтоно тархсан газар
- Царваа тархсан газар

ANNEX H:
**HERDER'S SHELTER SURVEY IN ERDENE,
ULAANBADRAKH AND KHUVSGUL SOUM**

- H.1 OBJECTIVE OF THE HERDERS'S SHELTERS INVENTORY SURVEY
- H.2 PROCESS AND RESULTS OF THE STUDY
- H.3 CREATION OF INFORMATION BASIS OF STUDY RESULTS

Final Report
The Study for Improvement Plan of
Livestock Farming System in Rural Area

March, 2006

ANNEX H Herder's Shelter Survey

H.1 OBJECTIVE OF THE RESEARCH TO DEFINE UTILIZATION OF WINTER AND SPRING SHELTERS

(1) Objective of the Herders Shelters Inventory Survey

The main objective of the survey is to define the location, utilization type, owner, consumer, livestock number, utilization period and first owner of winter and spring shelters which are the most important shelter for herders around 4 seasons of the year.

The surveys like this never took place throughout the country. In the other hand, the *Aimags* and *Soums* have complete information of their areas.

(2) Process and Results of the Survey

Under the framework of the survey, the winter and spring shelters of herders of Erdene, Ulaanbadrah and Khuvs gul *Soums* of Dornogobi *Aimags* have been examined.

During the study, 507 winter and spring shelters of 3 *Soums* have been defined and registered. As a result, geographical coordinates of 139 winter shelters; 209 spring shelters; 146 winter and spring shelters; and 12 temporary shelters have been defined by GPS. Also, purposes, owners, consumers, number of livestock, utilization period and first owner of winter and spring shelters have been defined respectively.

27.4 % of total winter and spring shelters are used only in winter, 41.2 % in spring, 28.7 % in winter and spring and 2.3 % temporary. /Table H.1/

Also, 83 % of total shelters are owned by their owners, 5.5 % by relatives of the owners and 10.6 % by other herders. /Table H.2/

The above mentioned 3 *Soums* have 101233 livestock and Erdene *Soums* is in the first place in livestock amount and winter and spring shelter. /Table H.3//

The survey was carried out by 3 teams and local advisors and guides helped.

Table H.1 Purpose of shelter

Id	<i>Soums</i> name	1 (winter only)	2 (spring only)	3 (winter and spring)	4 (Temporary use)	Other	Total
1	Erdene	96	83	51	-	1*	231
2	Ulaanbadrah	25	103	17	-		145
3	Huvsgul	18	23	78	12		131
Total		139	209	146	12	1	507

Note: 1* - *Tsagaan tolgoin* winter shelter of *Erdene Soum* is ownerless.

Table H.2 Original owner

Id	Soums name	1 (means himself)	2 (relations)	3 (unknown)	Other	Total
1	Erdene	211	12	7	1*	231
2	Ulaanbadrah	105	8	32		145
3	Huvsgul	106	8	15	2*	131
	Total	422	28	54	3	507

Note: 1* - *Tsagaan tolgoin* winter shelter of *Erdene Soum* is ownerless.

2* - The owners of Horse yard of *Togrog of Khuvsgul Soum* and the cattle yard of *Shar Am* are not determined.

Table H.3 Livestock amount in species

Id	Soums name	Sheep	Goat	Cattle	Horse	Camel	Total
1	Erdene	15182	15613	2337	3743	1628	38503
2	Ulaanbadrah	12072	15479	1333	2468	1975	33327
3	Huvsgul	9412	13786	1349	2770	2086	29403
	Total	36666	44878	5019	8981	5689	101233

Table H.4 HERDER'S SHELTER INVENTORY SURVEY

Soum name: Erdano

Id	Owner of shelter	Purpose of shelter	Number of shelter user	Measured coordinate by GPS						Height	Using year	Original owner	Sheep	Goat	Cattle	Horse	Camel	Total
				Lat. grad	Lat.min	Lat.sec	Long grad	Long.min	Long.sec									
1	Chuluunbaatar	2	1	44	6	41.2	110	53	24.1	1182	3	1	145	186	13	39	13	396
2	Batsukh, Batbold	3	2	44	4	39.5	110	51	15.8	1186	3	1	10	99	7	10	5	131
3	Suranjav	2	1	44	3	16.5	110	50	46.4	1199	2	1	216	124	9	30	27	406
4	Suranjav	1	1	44	1	39	110	49	33.1	1158	7	1			like is 3			
5	Shreen	2	2	43	54	50.6	111	0	4.5	1083	5	1	67	54	4	19	7	151
6	Boldbaatar	2	1	43	54	24.2	111	1	29.2	1083	2	1	29	35	1	7	3	75
7	Janchiv	2	2	43	54	38.1	111	29	7.3	1002	11	1	44	93		13	9	159
8	Ishisogol	3	2	43	54	38.1	111	29	7.3	1002	11	1	6	16		8	2	32
9	Sarangaral	3	2	43	55	19.2	111	30	40	990	8	1	105	99	6	48	8	266
10	Teghsuuri	3	2	43	55	19.2	111	30	40	990	8	1	17	7	2	16	5	47
11	Ganbold	3	1	44	8	0.7	111	8	47.7	1084	14	1	1	4				5
12	Shagdarsuren	3	1	44	11	22	111	13	59.8	1101	7	1	40	66	7	8		121
13	Chinzorig	1	2	44	12	26.6	111	12	54	1081	18	1	45	53	6	10	9	123
14	Tsedevsuren	1	2	44	12	25.6	111	12	54	1081	18	1	50	56	11	9	6	132
15	Chinzorig	2	2	44	13	50.8	111	10	50.1	1060	17	1			like is 13			
16	Dashkhuu	3	3	44	16	15.6	111	4	24.6	1002	24	1	103	76	23	19	34	255
17	Purevdorj	3	3	44	16	15.6	111	4	24.6	1002	24	1	8	30	2	4	5	49
18	Bayasgalan	3	3	44	16	15.6	111	4	24.6	1002	24	1	52	18		4	1	73
19	Badarch	2	1	44	16	46.8	111	1	39.6	1018	14	1			like is 20			
20	Badarch	1	1	44	15	54.1	111	1	55.2	1008	3	1	68	194	14	24	14	314
21	Bavuu	2	4	44	16	45.3	110	58	38.3	998	17	1	33	42	8	13	14	110
22	Zundui	2	4	44	16	45.3	110	58	38.3	998	17	1	3	9	4	3	2	21
23	Jargalsaihan	2	4	44	16	45.3	110	58	38.3	998	17	1	102	174	25	18	3	322
24	Semba	2	1	44	16	23.5	110	57	6.7	994	2	1	65	108	5	12	15	205
25	Sumiya	3	3	44	14	59.7	110	55	12.9	986	4	1	5	15	6	8	12	44
26	Batbaatar	3	3	44	14	59.7	110	55	12.9	986	4	1	7	33	5	3		48
27	Lhagvasuren	3	3	44	14	59.7	110	55	12.9	986	4	1	70	50	7	5	5	137
28	Tuvshintog	2	2	44	20	46.7	110	55	38.2	993	9	1	11	27	10	25	12	85
29	Tomor-Ochir	2	2	44	20	46.7	110	55	38.2	993	9	1	106	161	12	41	18	338
30	Batbayar	3	2	44	20	1	110	54	25.6	1016	12	1	10	15	7	17		49
31	Erdenebaatar	3	2	44	20	1	110	54	25.6	1016	12	1	72	82	16	32	9	211
32	Batdelger	3	2	43	54	38.7	110	56	46.8	1066	4	1	10	16		7	2	35
33	Batdelger	3	2	43	54	38.7	110	56	46.8	1066	4	1	40	34			6	79
34	Tsэндбаатар	1	2	43	52	6.9	111	1	15.5	1042	25	1	42	60	1	13	7	123
35	Erdembayar	1	2	43	52	6.9	111	1	15.5	1042	25	1	17	18				35
36	Gombo	1	1	44	3	50.6	111	6	16.6	1120	35	1	51	82	7	22	6	168
37	Gombo	1	1	44	4	43.5	111	7	26.1	1119	3	1			like is 36			
38	Jargalan	2	1	44	6	15.3	111	10	8.8	1137	15	1	79	174	10	55	14	332
39	Altanhuyag	3	1	44	8	1.4	111	7	42.2	1081	3	1	41	70	3	8	6	128
40	Enhbald	1	1	43	53	21.9	111	9	14.2	1033	12	1	76	52	4	30	9	171
41	Erdenehuu	2	1	43	52	48.7	111	10	28	1013	28	1	49	56	4	11	9	129
42	Gantulga	1	2	43	53	21.5	111	13	4.6	1048	11	1	40	68	4	8	3	123
43	Gandorj	1	2	43	53	21.5	111	13	4.6	1048	11	1	30	36	2	10	5	83
44	Gandorj	2	2	43	53	36.4	111	19	19.1	1038	9	1			like is 43			
45	Allansukh	1	1	43	54	18.2	111	20	66.3	1034	11	1	77	134		30		241
46	Chagdaga, Sugar	2	2	43	53	12.9	111	21	45.7	1009	20	1	54	52	3	14	16	139
47	Enhbat	2	1	43	41	32.1	111	21	54.7	1042	3	1	38	43	1	18	7	107
48	Bat-Olzij	1	3	43	33	37.8	111	30	18.7	1049	14	1	42	89	2	28	18	179
49	Palhuyag	1	3	43	33	37.8	111	30	18.7	1049	14	1	82	38	2	11	17	150
50	Handsuren, Chuluunhuu	1	2	43	47	0	111	35	40	931	5	1	18	18		1	10	45
51	Huyagbaatar	1	1	43	46	39.3	111	33	7	949	18	1	87	48	2	12	17	166
52	Bor, Alhaa, Mendbayar	1	4	43	47	40.6	111	29	22.2	905	22	1	28	19		5	2	54
53	Sanjmyatav	2	1	43	49	43.1	111	28	44	948	11	1	21	14	2	18	5	60
54	Mendbayar	2	4	43	60	7.4	111	29	34.5	939	8	1	111	66	5	28	2	212
55	Boldbaatar	2	4	43	50	7.4	111	29	34.5	939	8	1	49	57	1	23	5	135
56	Bor, Alhaa	2	2	43	50	22.9	111	30	41.3	922	15	1	125	56	3	23	15	222
57	Morintogoo	2	3	43	50	15.3	111	37	56.1	961	14	1	56	30	1	3	9	99
58	Amarjargal	2	3	43	50	15.3	111	37	56.1	961	14	1	24	64	2	9		99
59	Monhbat	2	3	43	50	15.3	111	37	56.1	961	14	1	10	18	1	9	3	39
60	Morintogoo	2	1	43	51	37.4	111	32	50.7	920	12	1	56	30	1	3	9	99
61	Huyagbaatar	2	1	43	51	54.6	111	31	36.3	927		1	82	38	2	11	17	150
62	Sugar	1	1	43	55	39.4	111	26	5.4	1005	12	3	62	54	3	14	16	139
63	Chagdaga	1	1	43	54	51.1	111	24	25.5	1003	29	1	161	145	5	46	19	375
64	Sugar	2	1	43	57	4.8	111	24	32.1	1036	5	1			like is 62			
65	Ulna	1	1	43	58	23.6	111	28	32.6	1036	45	3	38	27	8	5	5	83
66	Jambaldorj	2	1	44	0	26	111	28	6.5	1052	2	1	14	34	2	5	2	57
67	Batsuuri	1	1	44	1	17.4	111	27	6.7	1066	13	1			like is 98			
68	Amarjargal	1	2	43	58	24.1	111	11	8.8	1076	25	1			like is 70			
69	Byamba	3	1	43	58	40.9	111	15	47.3	1051	10	1	38	73	7	17	8	143
70	Amarjargal	3	1	44	2	46.2	111	19	32.3	1075	6	1	24	64	2	9		99
71	Tsogdog	1	1	44	3	44.2	111	19	49.7	1100	8	1	17	39	3	7	1	67
72	Maam	2	1	44	4	1.5	111	20	53.7	1093	17	1	135	109	14	15	7	280
73	Balijr	1	2	44	6	42.5	111	17	39.1	1141	5	1	17	36	3	15	3	74
74	Dovchindorj	1	2	44	6	42.5	111	17	39.1	1141	5	1	20	52	2	4	4	82
75	Baldandorj	2	1	44	4	6.7	111	16	0.7	1172	6	1	27	123	9	16	4	179
76	Enhbayar	3	1	44	4	41.9	111	12	47.2	1201	8	1	44	22	5	9	5	65
77	Jamiyandorj	2	1	44	3	37.5	111	12	16.2	1195	4	1	194	300	54	50	2	600
78	Monhbaatar	3	2	44	2	35.8	111	13	13.7	1167	7	1	35	56	6	8		104
79	Jargalsaihan	3	2	44	2	35.8	111	13	13.7	1167	7	1	38	43	6	12	5	104
80	Olzihutag	3	1	44	1	41.1	111	10	18.7	1133	9	1	24	44	2	16	2	88
81	Yadamsuren	3	1	44	0	39.1	111	10	44	1108	10	1	161	145	8	12	10	336
82	M. Amarjargal	3	2	44	0	2.7	111	9	44.5	1111	6	1	3	14	1	3	1	22
83	Myadag	3	2	44	0	2.7	111	9	44.5	1111	6	1	30	36	2	10	5	83
84	Semba	3	1	44	1	34.1	111	0	52.4	1166	26	1	65	108	5	12	16	206
85	Ts. Byamba	3	1	43	54	26.3	110	54	43	1045	8	1	51	35		5	5	96
86	Erdenezul	3	1	44	20	50.2	111	10	54.4	1066	15	3	161	266	30			

Table H.4 HERDER'S SHELTER INVENTORY SURVEY

Sourn name: Erdene

Id	Owner of shelter	Purpose of shelter	Number of shelter user	Measured coordinate by GPS						Height	Using year	Original owner	Sheep	Goat	Cattle	Horse	Camel	Total
				Lat. grad	Lat. min	Lat. sec	Long. grad	Long. min	Long. sec									
87	Tsagaanmaam	2	1	44	18	58.9	111	12	28.6	1009	5	1	like is 88					
88	Tsagaanmaam	1	1	44	16	44.8	111	13	27.7	1065	5	1	98	77	16	14	6	211
89	Galsan	2	2	44	19	48.4	111	17	50	1100	7	3	174	252	33	58	40	557
90	Gunesjav	2	2	44	19	48.4	111	17	50	1100	7	3	16	32	12	30	7	97
91	Bolooj	3	2	44	12	31	111	18	13.5	1152	2	1	86	118	10	6	7	227
92	Buyanhishig	3	2	44	12	31	111	18	13.5	1152	2	1	11	46	5	5	2	69
93	Jargalsaihan, Oyun, Olzii	1	3	44	10	19.9	111	18	27.9	1129	9	1	102	174	25	18	3	322
94	Natsagdorj	2	2	44	6	43.1	111	25	44.1	1040	13	1	109	96	23	40	7	275
95	Altansukh	2	2	44	6	43.1	111	25	44.1	1040	13	1	26	77	10	8	4	125
96	Altansukh	1	2	44	6	38.1	111	28	11	1033	13	1	like is 95					
97	Bat-Olzii	3	1	44	5	49.7	111	28	4.7	1013	10	1	237	180	13	6	7	443
98	Batsuuri	2	1	44	3	53	111	30	4	950	5	1			17	44	2	63
99	Jargalan	2	1	44	7	4.3	111	6	55.3	1078	1	1	79	174	10	55	14	332
100	Batbayar	2	1	44	7	4.3	111	6	55.3	1078	1	1	10	16	7	17		49
101	Orgonsagaan	2	6	44	17	31.7	111	8	54.4	1005	8	1	14	35	8	14	7	78
102	Bajjargal	2	5	44	17	31.7	111	8	54.4	1005	6	1	8	22	1	14	1	46
103	Bat-Erdene	2	5	44	17	31.7	111	8	54.4	1005	6	1	8	21	2	8	3	42
104	Dorjsuren	2	2	44	17	12.4	111	8	56.7	1003	26	1	21	25	10	9	10	76
105	Ganhuyag	2	2	44	17	12.4	111	8	56.7	1003	26	1	7	6	1	1	1	16
106	Bayasgalan	3	2	44	17	12.6	111	8	12.2	1006	6	2	16	52		4	1	73
107	Purevdorj	3	2	44	17	12.8	111	8	12.2	1006	6	2	8	30	2	4	5	49
108	Batsaikhan	3	1	44	12	32.5	111	0	19.5	1158	16	1	8	70		10	1	89
109	Chojamts	2	1	44	10	46.6	111	2	43.8	1148	9	1	19	80	2	6	2	91
110	Damdinjav	2	1	44	10	56.9	111	2	44.5	1147	14	1	30	143	17	14	7	211
111	Allanzul	2	1	44	10	30.8	111	0	9	1160	4	1	45	70	6	10	5	136
112	Nergui	1	2	44	9	56.3	110	58	36.3	1162	7	1	20	88	4	8	7	127
113	Enhmend	1	2	44	9	56.3	110	58	36.3	1162	7	1	25	27	3	6	2	63
114	Balhuyag	1	1	44	10	3.5	110	57	12.9	1162	2	3	80	126	13	15	10	244
115	Chuluunbaatar	1	1	44	9	50	110	55	39	1158	1	1	145	186	13	39	13	396
116	Batbold	2	1	44	9	8	110	57	21.7	1164	8	1	33	84	7	8	7	119
117	Nergui, Enhmend	2	2	44	10	1.1	110	59	12.8	1165	1	1	like is 112					
118	Balhuyag	2	1	44	6	33.9	110	54	9.9	1178	2	1	like is 114					
119	Nyam	1	2	44	27	44.1	111	19	34.1	1027	12	1	70	55	12	29	1	167
120	Nyam, Batsaruul	2	2	44	28	9	111	18	58.3	1005	4	1	like is 110					
121	Ganchigsuren	3	2	44	26	52.8	111	16	31.4	1027	9	1	66	163	25	12	6	272
122	Tsendjav	3	2	44	26	52.6	111	16	31.4	1027	9	1	63	93	4	11	5	178
123	Batsuuri, Bayanbadrah	3	2	44	27	2.1	111	14	46	1000	30	2	23	69	6	8	3	109
124	Balhural	2	2	44	32	24.8	111	14	4.6	962	28	1	224	116	18	18	13	389
125	Luguu	2	2	44	32	24.8	111	14	4.6	962	28	1	174	96	10	15	5	300
126	Hurelbaatar	3	1	44	32	39.4	111	12	18.7	977	8	1	65	52	10	3	5	135
127	Sodnompeljee	3	1	44	34	47.5	111	16	4.8	974	17	1	66	79	5	9	12	161
128	Puuvai	3	2	44	35	37.7	111	19	3.7	963	1	1	70	41	7	22	1	141
129	Altanchimeg	3	2	44	35	37.7	111	19	3.7	963	1	1	61	50				101
130	Byambadorj	3	2	44	36	25.8	111	19	46.8	989	5	1	61	64	6	9	3	133
131	Natsagnaym	3	2	44	36	25.8	111	19	46.8	989	5	1	42	5	6	2	2	57
132	Suhee	1	1	44	37	1.5	111	16	53.5	1030	23	1	100	150	25	36	16	327
133	Balhural	1	2	44	35	21.9	111	14	21.9	1022	26	1	like is 124					
134	Chuluunbaatar	3	1	44	34	29.4	111	12	23.7	1024	8	1	63	57	20	16	6	162
135	Suhee	2	1	44	33	59	111	9	39	1058	27	1	like is 132					
136	Sugar	1	2	44	44	25.6	111	18	1.5	1058	22	1	236	94	42	68	13	453
137	Dashnyam	1	2	44	44	25.6	111	18	1.5	1058	22	1	58	49	17	30	6	160
138	Gavuu, Erdenebaatar	1	2	44	44	17.7	111	19	55.6	1036	25	1	85	82	21	41	3	212
139	Enkhbayar	1	1	44	45	26.8	111	21	59.6	1029	9	1	172	91	38	63	4	358
140	Hural, Batbold	1	2	44	45	49	111	22	5	1035	26	1	164	56	18	36	3	277
141	Hural	2	2	44	47	27.5	111	22	30.3	1049	18	1	280	59	14	9	4	386
142	Batzorig, Batbold	2	2	44	47	25.1	111	23	36.9	1039	22	1	51	78	16	66	4	205
143	Batzorig	1	3	44	46	6.1	111	23	13.9	1016	24	1	168	105	30	50	1	354
144	Chuluunbaatar	1	3	44	46	6.1	111	23	13.9	1016	24	1	25	34	8	12	1	80
145	Enkhbayar	2	1	44	46	52.9	111	25	19.4	980	4	1	172	91	38	63	4	358
146	Sugar	2	2	44	45	54.3	111	25	2.3	976	16	1	like is 136					
147	Ukhna	1	2	44	42	47.9	111	27	24.6	1030	18	1	242	207	47	34	14	544
148	Ukhna, Bayarsuren	2	2	44	43	19	111	27	57.8	1046	17	1	80	84	24	33	26	247
149	Mandseisen	1	1	44	43	29.7	111	28	41.9	1027	4	1	13	27	12	7	3	62
150	Purevdash, Altanluya	1	2	44	43	21.2	111	30	34.4	999	27	1	58	42	8	4	3	116
151	Purevdash	2	1	44	42	25.5	111	29	31.7	968	17	1	425	410	99	82	27	1043
152	Bayarsanaa	1	1	44	41	32	111	26	3.2	981	6	1	like is 157					
153	Erdene	1	2	44	41	8.9	111	24	17.1	980	18	2	115	118	19			250
154	Bayarsaikhan	1	2	44	41	8.9	111	24	17.1	980	18	2	60	60	15	20	20	178
155	Bayarmagnai	1	1	44	41	6	111	23	31.9	983	3	1	266	236	75	56	72	704
156	Bayarmagnai	2	1	44	38	59.5	111	22	2.5	962	8	1	like is 155					
157	Bayarsanaa	2	1	44	37	29.8	111	22	18.1	944	5	1	185	114	29	90	48	466
158	Altankhuyag, Givaapil	2	2	44	39	2.4	111	26	17	968	6	1	27	31	8	12	2	80
159	Altankhuyag	2	2	44	38	29.9	111	27	7.6	978	4	1	48	56	20	42	8	172
160	Gendensuren	1	1	44	31	50.7	111	24	12.9	1034	9	1	240	110	17	24	8	399
161	Gendensuren	2	1	44	32	63.2	111	23	18.3	968	8	1	like is 160					
162	Battulga	2	1	44	33	44.9	111	23	2	958	7	1	132	63	17	25		

Soum name: Erdene

Table H.4 HERDER'S SHELTER INVENTORY SURVEY

Id	Owner of shelter	Purpose of shelter	Number of shelter user	Measured coordinate by GPS						Height	Using year	Original owner	Sheep	Goat	Cattle	Horse	Camel	Total
				Lat, grad	Lat, min	Lat, sec	Long, grad	Long, min	Long, sec									
173	Baljinyam	2	2	44	36	59.4	111	5	34.9	1009	7	1	122	123	27	48	8	328
174	Orgodol	2	2	44	36	59.4	111	5	34.9	1009	7	1	22	27	9	9		67
175	Gombojav	1	1	44	40	29.1	111	0	39.3	1015	6	1	98	115	14	10	5	242
176	Dorjamba	2	2	44	38	50.5	111	4	25.7	972	15	1	152	78	18		1	245
177	Oyunbat	2	2	44	38	50.5	111	4	25.7	972	15	1	108	48	10	20	3	189
178	Bayar	2	3	44	39	38.7	111	4	51.8	986	25	1	401	154	35	7	11	608
179	Tsogtsaikhan	2	3	44	39	38.7	111	4	51.8	986	25	1	15	17	2			34
180	Bayar, Balikhogva	1	3	44	40	20.6	111	3	43.5	1003	23	1	63	45	9	12	6	135
181	Baljargal	1	1	44	40	21.9	111	4	17	997	3	1	87	50	23	25	4	189
182	Tsagaan tolgoi ovooloo			44	46	8.9	111	7	4.4									ownerless
183	Ganbaatar	1	1	44	43	57.9	111	8	57.4	1019	18	1	237	217	40	90	14	698
184	Balbayer	2	1	44	42	43.3	111	16	2.9	1026	23	1	64	184	23	15	7	293
185	Erdenebaatar	2	1	44	42	18.6	111	17	35.1	1001	2	1	134	105	34	20	7	300
186	Erdenebaatar	1	1	44	40	48.4	111	17	56	1036	26	1						like is 185
187	Balbayer	1	1	44	40	54.7	111	18	54.4	1007	18	1						like is 184
188	Odser	2	1	44	41	33.2	111	21	9.4	894	5	1	219	137	33	39	24	452
189	Gavuu	2	2	44	43	9.2	111	20	31.6	987	29	1	274	129	73	83	24	583
190	Odser	1	1	44	44	23.2	111	17	24.1	1051	2	1						like is 188
191	Luljargal	2	1	44	27	58.2	110	38	13.8	913	3	1						like is 198
192	Sharkhuu	1	1	44	31	20.7	110	33	34.1		10	2						like is 193
193	Sharkhuu	1	1	44	29	2.9	110	26	47.8	826	15	1	103	143	8	29	43	326
194	Gazrin ner Magnai	1		44	28	8.5	110	20	29.6	797		3						ownerless
195	Idartogoo, Balbayer	1	3	44	33	13.7	110	26	4.1	882	18	1	87	73	4	18	14	196
196	Garavdoo	1	3	44	33	13.7	110	26	4.1	882	18	1	12	25		11	5	53
197	Ukhna	1	1	44	36	25.1	110	30	0	935	22	2	54	78	6	13	18	169
198	Luljargal	1	1	44	31	36.1	110	36	31.3	970	17	1	170	130	25	25	15	365
199	Bat-Olzil	1	1	44	31	39.4	110	38	25.2	982	9	1	100	48	5	15	7	176
200	Davaadorj	1	3	44	28	27.6	110	40	47.8	957	17	1	57	70		15	4	146
201	Davaasuren	1	3	44	28	27.6	110	40	47.8	957	17	1	68	41		8	8	123
202	Chinbaatar	1	3	44	28	27.6	110	40	47.8	957	17	1	19	17		7		43
203	Baldorj	1	1	44	28	18.5	110	39	34.9	970	25	2	16	32	6	10		64
204	Dugarsuren	1	1	44	26	64.7	110	38	5.7	904	13	1	73	42	17	1	4	137
205	Dorjpurev	1	2	44	25		110	39	34.1	942	15	1	59	125	15	19	23	241
206	Aakhuu	1	2	44	25		110	39	34.1	942	15	1	13	18	6			45
207	Choisuren	1	1	44	24	19.7	110	44	56.8	1044	6	1	184	103	32	55	28	402
208	Bayandorj	1	4	44	23	22.7	110	50	40.8	1002	22	1	29	28	10	2	9	78
209	Nyamdorj	1	4	44	23	22.7	110	50	40.6	1002	22	1	48	51	16	8		123
210	Khurelukhna	1	4	44	23	22.7	110	50	40.6	1002	22	1	12	26				38
211	Jigmed	1	1	44	27	34.2	110	52	36.8	1042	18	1						like is 218
212	Tsogbadrakh	1	1	44	28	13.8	110	50	28.4	1086	18	1	31	83	11	14	11	150
213	Bolool	1	1	44	29	3.8	110	53	2.2	1061	4	1	137	350	13	23		523
214	Jargal	1	2	44	27	64.8	110	58	1.9	1024	7	1	73	42	17	1	4	137
215	Myagmarsuren	1	2	44	27	54.8	110	58	1.9	1024	7	1	12	13				26
216	Bayantsagaan	1	1	44	26	55.9	110	57	30.8	1017	4	1	22	44	11	18	3	98
217	Tomorkhuyag	1	1	44	27	22.6	110	58	54.3	1028	8	1	45	89	12	13	4	143
218	Jigmed	1	1	44	32	31.6	111	0	33.8	997	2	1	100	43	12	23	9	187
219	Ukhna	1	2	44	14	25.2	110	43	34.5	988	3	1	380	151	56	23	36	626
220	Khuukhenkhuu	1	2	44	14	25.2	110	43	34.5	988	3	1	32	73	7	11	6	129
221	Damberel	1	2	44	14	43.5	110	39	45.9	936	19	1	24	38	11		8	81
222	Tomor-Ochir	1	2	44	14	43.5	110	39	45.9	936	19	1	106	161	12	41	18	338
223	Amgalanbaatar	1	3	44	14	30.6	110	38	15.3	941	30	1						like is 224
224	Amgalanbaatar	2	3	44	15	52.3	110	35	50.8	946	16	1	57	29	10	16	6	118
225	Allansukh	2	3	44	15	52.3	110	35	50.8	946	16	1	14	17	3	10	1	45
226	Byamba	2	3	44	15	52.3	110	35	50.8	946	16	1	12	10	1	12	3	38
227	Tuvdendorj, Ganbaatar	3	3	44	18	51.3	110	32	48.3	967	7	1	83	78	10	6	158	
228	Khurelbaatar	3	3	44	18	51.3	110	32	48.3	967	7	1	87	113	14	15	1	230
229	Baldorj	3	2	44	20	47.5	110	35	22.4	965	20	1	5	16	2		6	31
230	Dugarsuren	3	2	44	20	47.5	110	35	22.4	965	20	1	17	3	8			28
231	Sumyachin	3	1	44	20	11.5	110	42	26.5	989	3	1	111	287	15	39	19	471
	Total		413										15182	15613	2337	3743	1628	38503

Table H.5 HERDER'S SHELTER INVENTORY SURVEY

Soum name: Ulaanbadrah

Id	Owner of shelter	Purpose of shelter	Number of shelter user	Measured coordinate by GPS						Height	Using year	Original owner	Sheep	Goat	Cattle	Horse	Camel	Total
				Lat.grad	Lat.min	Lat.sec	Long.grad	Long.min	Long.sec									
1	H.Tumurkhyag	2	2	43	40	33.6	110	24	34.7	961	1	1	21	26	2	13	4	66
2	L.Byambauren	2	2	43	39	12.5	110	26	5.1	940	2	1	18	38	6	25	8	95
3	B.Tumurbaatar	1	2	43	36	41	110	26	56.1	976	12	1	40	106	5	2	16	169
4	B.Tumurbaatar	2	2	43	38	39.6	110	23	49.2	952	30	3	40	106	5	2	16	169
5	L.Gansukh	2	3	43	34	53.7	110	21	62.2	987	7	2	54	53	4	10	4	125
6	B.Gantulga	2	2	43	34	40.2	110	21	12.4	1011	5	1	64	76	9	15	7	171
7	L.Ganbat	2	1	43	33	22.5	110	20	46.7	980	6	1	55	67	7	14	2	145
8	G.Purevjav	1	1	43	32	23.2	110	21	33.9	1010	6	1	59	83	8	20	9	179
9	G.Purevjav	2	1	43	32	28.1	110	20	58.6	996	13	1	59	83	8	20	9	179
10	L.Gansukh	1	3	43	32	3	110	19	52.8	1005	2	1	54	53	4	10	4	125
11	D.Jugnai	2	1	43	38	47.4	110	14	47.1	1003	12	1	82	169	8	19	9	285
12	D.Tseymaa	2	2	43	38	55.9	110	17	0.4	974	30	3	24	30	3	5	1	63
13	T.Tuvshintur	2	2	43	36	54.8	110	17	23.8	960	30	3	38	60	9	12	14	133
14	S.Huuheenee	1	1	43	37	16.8	110	16	33.5	973	27	3	4	28		6	37	
15	V.Bandi	2	2	43	46	18.8	110	9	23.7	1072	5	1	74				3	77
16	Ts.Bandi	2	2	43	48	17.2	110	12	28.9	1094	3	1	294	210	15	44	32	595
17	Ts.Bandi	1	2	43	50	52.3	110	11	39.3	1107	2	1	294	210	15	44	32	595
18	S.Bulluush	2	2	43	52	17.7	110	10	11.5	1073	22	2	210	181	13	11	13	428
19	S.Bandi	2	1	43	53	16.3	110	11	5.2	1068	4	1	202	114	6	20	30	372
20	R.Hadanchukun	2	2	43	53	47.8	110	6	55	1035	23	1	63	114	3	20	15	215
21	B.Batzorig	2	2	43	55	48.9	110	5	40.4	990	5	1	130	98	12	25	31	296
22	G.Dugerjav	2	3	43	53	6.2	110	5	21.2	1057	22	2	20	51	3	16	5	95
23	L.Sumya	3	1	43	50	9.9	110	3	5.6	1080	18	1	124	96	9	48	16	293
24	D.Baatarsukh	2	1	43	51	23.4	110	1	3.3	1034	10	1	154	124	7	37	9	331
25	Ch.Tsevegjav	3	2	43	50	51.4	110	31	13.6	924	6	1	108	58	14	24	14	218
26	Ts.Dashzeveg	2	1	43	48	50.7	110	35	32.8	908	23	1	21	63	7	8		99
27	M.Banzragch	2	1	43	48	23.3	110	36	53.1	917	13	1	84	60	14	8	16	182
28	D.Baarar	3	1	43	46	32.9	110	42	15.6	981	30	1	52	74	6	7	3	142
29	M.Bayanbaatar	1	1	43	46	15.6	110	43	15.6	989	34	1	35	46	11	35	13	140
30	Ts.Adaya	3	1	43	47	10.1	110	94	4.7	974	20	1	38	68	3	15	16	140
31	J.Angirag	2	1	43	42	45.7	110	46	13.6	980	9	1	196	150	6	22	8	382
32	U.Khesbaatar	2	2	43	40	39.7	110	46	38.1	988	14	1	70	60	4	27	13	174
33	Ts.Zorig	3	2	43	45	9.2	110	51	28	953	25	3	55	100		18	9	182
34	S.Batsukh	1	2	43	45	45.8	110	53	9.6	940	14	1	36	154	3	14	17	224
35	S.Batsukh	2	2	43	47	1.3	110	55	50.8	954	25	1	36	154	3	14	17	224
36	D.Mashbat	2	1	43	50	13.3	110	51	6.9	938	25	3	36	290	8	5	12	351
37	G.Jambal	2	2	43	49	50.7	110	55	16.3	989	7	1	110	196	7	22	11	346
38	G.Jambal	1	2	43	35	21.3	111	11	9.4	1043	14	1	110	198	7	22	11	346
39	D.Batsuren	1	2	43	29	18.6	111	4	14.2	1066	14	1	174	196	23	17	41	451
40	Ts.Dashzeveg	1	1	43	30	14.7	110	48	66.5	1128	25	1	21	63	7	8		99
41	J.Angirag	1	1	43	33	11.1	110	48	3.3	1065	23	1	196	150	6	22	8	382
42	Kh.Adaya	1	2	43	43	50.9	110	35	14.2	987	25	1	20	55	6	4	4	89
43	D.Barsuren	2	2	43	42	55.6	110	37	38.6	988	27	3	174	196	23	17	41	451
44	T.Sukhee	2	2	43	41	40	110	38	0.2	969	28	3	67	89	5	17	10	188
45	Ts.Olzijargal	2	1	43	36	18.8	110	43	26.6	1030	26	1	91	87	15	15	20	228
46	Ts.Olzijargal	1	1	43	34	21.1	110	43	29.9	1060	27	1	91	87	15	15	20	228
47	J.Baatar	3	1	43	33	16.9	110	42	42.3	1048	20	1	32	189	3	21	7	252
48	N.Monkhgerel	2	2	43	31	57.7	110	42	39.5	1084	8	1	145	90	25	25	15	300
49	D.Odbayar	2	1	43	30	54.9	110	44	17.6	1104	6	1	121	92	21	29	14	277
50	S.Balbayar	2	1	43	30	49.1	110	45	51.6	1110	2	1	193	124	12	52	16	397
51	R.Ganbold	2	1	43	29	56.8	110	43	4.8	1102	15	1	23	62	2	21	2	110
52	T.Baldorj	2	2	43	30	55.5	110	42	15.6	1090	27	3	83	112	12	19	10	236
53	J.Tsegmid	1	2	43	31	21.1	110	39	2.8	1094	18	1	241	181	23	33	16	494
54	J.Tsegmid	2	2	43	32	1.6	110	38	20.1	1071	3	1	241	181	23	33	16	494
55	Ts.Nooshka	1	2	43	30	6.2	110	37	3	1085	6	1	149	65	15	17	10	256
56	Kh.Batdorj	1	1	43	30	57.7	110	36	18.5	1080	3	1	200	190	37	22	28	477
57	Ts.Nooshka	2	2	43	31	58.2	110	37	12.5	1081	3	1	149	65	15	17	10	256
58	Kh.Batdorj	2	1	43	31	44.7	110	35	29	1090	3	1	200	190	37	22	28	477
59	Ch.Monkhjargal	2	1	43	31	41.7	110	32	36.7	1060	6	1	45	90	6	15	5	161
60	Kh.Battsateral	1	2	43	31	19.9	110	31	52.4	1058	5	1	253	159	41	43	18	514
61	G.Naldan	1	2	43	30	47.6	110	32	28	1097	26	3	308	209		45	67	640
62	Kh.Battsateral	2	2	43	32	12.3	110	31	15.2	1054	6	1						
63	G.Naldan	2	2	43	31	45	110	29	38.3	1054	20	1						
64	D.Namid	3	1	43	31	30.4	110	28	17	1065	10	1	94	197	7	4	7	309
65	S.Iduurtogoo	2	2	43	31	46.5	110	27	8.6	1078	8	1	59	164	15	19	13	270
66	Ts.Ovgon	2	2	43	32	17.4	110	23	32.6	1018	2	1	71	80	26	17	12	206
67	M.Enkhbayar	2	3	43	32	40.7	110	24	28.1	1016	5	1	33	33	20	21	7	114
68	D.Namjilmaa	2	3	43	33	9.2	110	25	33.7	1014	27	3	97	73	20	8	12	210
69	T.Tsagaanbaatar	2	1	43	33	40.6	110	27	46.5	1036	10	1	89	15	3			107
70	Mal Iolluulekh baaz	2		43	35	23	110	37	34.8	1055	23	3						0
71	T.Baanichigsuren	2	2	43	41	2.5	110	27	51.6	947	10	1	64	74	2	18	17	175
72	B.Tseye	2	2	43	41	36.4	110	23	28.7	958	26	3	109	200	14	31	22	376
73	Ts.Surenkhor	2	1	43	52	50.7	110	0	0	1001	18	1	92	64	15	31	5	207
74	P.Bayarsaikhan	2	3	43	54	17.6	109	58	59.6	970	5	1	22	29	2	9	3	65
75	N.Ariunbold	2	1	44	2	24.5	109	56	37.4	862	12	1	187	87	16	23	62	375
76	J.Bud	2	2	43	46	48.1	110	28	31.7	936	11	3	69	57	16	39	10	181
77	B.Bayart-Od	2	1	43	45	5.9	110	26	16.7	988	13	1	15	13	2	2	8	40
78	Ts.Anaraa	2	1	43	43	31.5	110	26	7.4	948	27	3	25	50	2	8	11	96
79	Ts.Banzragch	2	1	43	43	1.1	110	17	48.3	1028	28	3	57	41	5	9	10	122
80	O.Jargalsaikhan	2	1	43	43	10.4	110	13	13.7	1018	1	1	200	100	18	28	24	370
81	G.Dugerjav	2	2	43	42	57.6	110	11	14.6	1015	30	3	20	51	3	16	5	95
82	L.Ganbold	2	1	43	48	21.6	110	13	10.9	1059	30	3	52	71	4	11	10	148
83	Ts.Anaraa	1	1	43	45	22.8	110	19	14.7	1001	29	3	25	50	2	8	11	96
84	L.Duurmaam	2	2	43	48	12.7	110	21	8.8	989	5	1	73	77		7	9	166
85	B.Batbayar	2	2	43	48	55.5	110	16	42.6	1047	2	1	14	31	3	13	4	65

Table H.5 HERDER'S SHELTER INVENTORY SURVEY

Soum name: Ulaanbadrah

Id	Owner of shelter	Purpose of shelter	Number of shelter user	Measured coordinate by GPS						Height	Using year	Original owner	Sheep	Goat	Cattle	Horse	Camel	Total
				Lat.grad	Lat.min	Lat.sec	Long.grad	Long.min	Long.sec									
87	R.Ankhhbayar	2	1	43	51	59.8	110	17	0.6	1047	6	1	117	124	13	16	20	290
88	J.Baatarsuuri	1	1	43	51	4.8	110	20	35.6	1001	5	1	98	89	12	15	17	231
89	S.Bayarbold	3	2	43	52	57.2	110	30	6.8	974	23	1	96	108	3	2	2	211
90	Ts.Dugersuren	1	2	43	51	41.7	110	38	47.6	934	22	1	38	50				89
91	D.Balbayer	2	2	43	50	55.6	110	40	18.5	918	1	1	30	87	9	17	2	145
92	L.Khujmaa	2	1	43	52	33.9	110	51	11	990	13	1	88	174	4	17	12	295
93	Ch.Banzragch	2	1	43	53		110	53	5.3	1010	14	1	21	28	4	8	10	71
94	B.Adabaybaatar	2	1	43	55	36.7	110	52	10.9	1055	10	1	90	194	12	17	7	320
95	Kh.Boikhuu	2	1	43	57	15.2	110	48	3	1071	7	1	141	189	19	38	38	423
96	Kh.Batshuluun	1	1	43	58	2	110	48	28.3	1082	18	3	50	100	6	20	24	200
97	Ts.Gungee-Ochir	2	2	43	58	37.2	110	48	50.4	1089	17	2	93	225	5	13	18	354
98	R.Guzee	2	3	43	57	36.9	110	46	28.1	1080	25	1	141	179	18	25	11	374
99	G.Ochirbat	2	3	43	55	56.3	110	44	15.4	1038	28	3	131	309	11	13	26	490
100	G.Khorolauren	2	1	43	58	54.5	110	44	13	1108	8	1	74	205	1	8	7	295
101	Kh.Damdinsumaya	2	1	43	59	50.9	110	43	22.4	1096	4	1	13	61		3	4	81
102	B.Erdenechuluun	2	1	43	50	36.6	110	43	7.3	1089	12	1	157	281	22	9	6	455
103	Kh.Damdin-Adaya	2	2	44	2	24.6	110	41	24.6	1025	5	1	25	71	3	15	12	126
104	Kh.Batshuluun	2	1	44	1	16.4	110	40	52.2	1013	27	3	50	100	6	20	24	200
105	S.Sumaya	1	2	44	4	52.1	110	40	8.3	1006	17	1	90	228	8	41	51	418
106	S.Bayart-Od	2	2	44	4	55	110	40	12.3	1005	1	1	90	228	8	41	51	418
107	P.Orgol	2	2	44	6	28.2	110	39	39.5	1008	3	1	35	66		4	11	116
108	D.Gantogoo	2	2	44	8	44.2	110	37	48.4	989	4	1	26	84		8	4	120
109	E.Gantomor	2	1	44	6	22.8	110	37	3.9	987	3	1	17	35	5	15	2	74
110	G.Batmagad	2	1	44	5	32.9	110	35	56.1	982	6	1	10	61	5	8	1	85
111	Sh.Gombodorj	2	1	44	4	56.2	110	33	34.1	975	6	1	30	72	4	11	6	123
112	Sh.Ulaamaa	2	1	44	3	52.2	110	34	4.8	978	8	1	111	259	11	28	11	420
113	A.Gantogtokh	2	2	43	59	17.3	110	35	19.3	1033	30	3	47	162	8	14	11	240
114	A.Khuyagbaatar	2	1	43	57	56.2	110	32	31.7	1050	25	3	31	46	4	10	3	94
115	S.Odkhuu	2	1	43	57	16.4	110	36	47.4	1010	4	1	82	108	1	12	2	205
116	S.Sumaya	2	2	43	57	40.1	110	38	44.9	1026	15	1	90	228	8	41	51	418
117	Odontuya	2	3	43	58	31	110	40	42.4	1018	30	3	141	179	18	25	11	374
118	B.Monkhat	2	2	43	56	1.6	110	37	54	989	27	2	12	30		7		49
119	D.Enkhtaiyan	2	2	43	54	45.1	110	36	58	977	13	1	102	157	18	25	7	309
120	G.Bayarsaikhan	2	2	43	54	29.1	110	33	24.9	993	5	1	113	118	18	8	9	288
121	G.Saranbat	2	2	43	56	59.4	110	32	59.7	1035	30	3	24	105	8	6	13	156
122	T.Tuvaan	3	1	44	1	18.2	110	27	18.2	977	25	3	66	145	26	19	28	284
123	J.Chinzurkh	3	1	43	59	51.9	110	26	17	990	10	3	6	35				41
124	Ch.Dulmaa	1	2	44	1	6	110	24	35.4	977	29	3	102	184	18	9	38	351
125	D.Batsaikhan	1	2	44	8	6.0	110	30	39.5	949	3	1	238	300	20	10	10	578
126	Y.Bat-Ochir	3	2	44	8	29.3	110	31	32.5	937	10	1	270	348	25	25	23	691
127	B.Marina	2	2	44	10	14.2	110	27	38.2	903	25	3	6	37		2	1	46
128	T.Baymbaa	2	2	44	15	5	110	20	4.5	798	5	1	4	12	2	6	8	32
129	B.Zorigbaatar	2	1	44	16	1.9	110	19	21.7	792	4	1	59	30			1	90
130	D.Batsaikhan	2	2	44	16	13.1	110	17	31.9	778	4	1	87	124		10	3	224
131	B.Baatar	2	1	44	16	18.3	110	18	22.9	802	6	1	87	101	14	27	11	240
132	Ts.Dashseren	2	2	44	19	6.8	110	14	10.7	720	13	1	109	38	7	10	25	189
133	Ts.Bat-Ochir	3	2	44	13	38.3	110	17	33.8	772	20	2	15	31		7	12	65
134	P.Maam	2	2	44	12	2.9	110	17	3.2	782	30	3	97	32	6	31	28	194
135	L.Sanomdash	3	1	44	7	8.5	110	17	35.7	854	8	1	54	100	14	12	7	187
136	A.Ayurmod	2	1	44	4	29.5	110	15	37.3	885	1	1	3	46		4	5	58
137	J.Baatarsuuri	2	2	43	55	50.6	110	20	52.6	1000	13	1	98	89	12	15	17	231
138	Sh.Khuukhanmaam	2	1	43	59	39.1	110	16	26.3	963	22	1	85	74	7	18	50	234
139	Ts.Demberel	2	1	44	2	33.2	110	11	43.7	894	4	1	8	82		12	14	116
140	L.Ochirbileg	3	1	44	4	4.9	110	11	15	863	14	3	39	79	6	19	5	148
141	Ts.Dashjamts	3	1	44	4	16	110	4	41.3	842	23	2	77	73	18	68	89	325
142	L.Balbayer	3	1	43	49	31.6	110	14	37.8	1072	5	1	20	70	6	11	5	112
143	B.Ariunbold	2	1	44	20	43.1	110	14	29.1	713	5	1	47	48	3	16	24	136
144	S.Gantogtokh	2	2	43	56	17.3	110	23	5.1	1039	8	1	32	87	6	17	8	160
145	Ts.Khuyagbaatar	3	1	43	54	40.3	110	26	33.0	1027	24	2	30	188		10	6	213
Total			230										12072	16479	1333	2466	1975	33327

Table H.6 HERDER'S SHELTER INVENTORY SURVEY

Soum name: Huvsgul

Id	Bag name	Owner of shelter	Purpose of shelter	Number of shelter user	Measured coordinate by GPS						Height	Using year	Original owner	Sheep	Goat	Cattle	Horse	Camel	Total
					Lat. grad	Lat. min	Lat. sec	Long. grad	Long. min	Long. sec									
1		S. Bat-Ochir	3	2	43	24	35	109	26	38	926	12	1	85	110	4	12	21	232
2	Javhlant	Lkhagvajav	2	1	43	49	06	109	41	20	929	8	2	65	80	8	14	25	192
3	Javhlant	B. Lkhagvadorj	3	2	43	49	37	109	40	45	942	10	1	80	108	7	10	21	226
4	Javhlant	Bandi	3	3	43	55	16	109	25	44	861	14	1	65	70		14	24	173
5	Javhlant	Sh. Tsoodal	3	2	43	40	14	109	57	56	973	11	1	80	105	8	28	29	248
6	Javhlant	L. Nyamdorj	3	2	43	36	01	110	01	07	1008	15	1	70	95		22	32	219
7	Javhlant	N. Boldbaatar	3	3	43	34	47	109	46	59	948	13	1	55	60	6	20	22	163
8	Javhlant	Kh. Mijiddorj	1	2	43	35	23	109	49	04	973	12	1	90	84	8	25	28	235
9	Javhlant	O. Tomortogoo	3	2	43	37	54	109	49	07	972	14	1	60	70	5	20	24	179
10	Javhlant	L. Badamjav	3	3	43	33	07	109	46	29	993	10	1	65	80	6	15	21	187
11	Javhlant	B. Enkh-Bold	3	3	43	49	17	109	36	47	895	15	1	75	70	4	60	24	223
12	Javhlant	B. Batsuuri	3	1	43	46	58	109	43	50	976	12	1	70	80	8	35	22	215
13	Javhlant	EnBetaa	3	1	43	46	24	109	47	07	1049	6	1	45	55	4	8	10	122
14	Javhlant	B. Bayarmagnai	3	1	43	45	24	109	47	08	1048	7	1	70	90	12	20	22	214
15	Javhlant	Ts. Monkhubayar	3	1	43	48	43	109	52	03	1033	10	1	80	170		6	3	269
16	Javhlant	Sh. Ganbaatar	3	1	43	44	31	109	50	27	1043	6	1	85	75	24	20	24	228
17	Javhlant	B. Dugvasuren	3	1	43	48	43	109	46	50	1011	5	1	50	60		18	2	130
18	Javhlant	S. Jigger	3	1	43	49	43	109	52	03	1033	14	1	110	250	30	28	36	463
19	Javhlant	Ukhina	3	1	43	52	14	109	46	54	957	8	1	150	165	24	8	28	375
20	Javhlant	L. Gotov	3	1	44	04	52	109	40	42	764	4	1	95	60	4	20	10	189
21	Javhlant	B. Erdenechuluun	3	1	44	02	59	109	39	03	785	10	1	80	70	11	7	20	188
22	Javhlant	Bazaryaan	3	1	44	02	54	109	38	58	786	22	1	60	95	6	21	12	184
23	Javhlant	L. Otgonbayar	3	1	43	59	16	109	38	24	807	3	1	80	85	8	21	23	217
24	Javhlant	B. Lkhagvajav	3	1	43	49	39	109	40	46	934	12	1	80	110		14	4	208
25	Javhlant	Delgersuuri	3	1	43	48	40	109	41	48	932	6	1	140	80	10	24	25	279
26		Dorj-Galsan	3	1	43	50	42	109	43	48	936	9	1	60	80	8	6	18	172
27		Tsagt-Ochir	3	1	43	49	42	109	46	55	1005	3	1	80	90	5	24	10	209
28		S. Bandi	3	1	43	55	16	109	25	45	877	10	1	110	80	25	105	80	400
29		Tomor	3	1	43	38	11	109	21	22	858	20	1	60	70		20	28	178
30		Khand	3	1	43	31	28	109	15	56	898	12	1	80	85	20	7	10	202
31		Allan-Manaid	3	1	43	31	25	109	16	55	898	8	1	60	80	8	8	12	169
32		L. Enkhbat	3	2	43	30	56.1	109	44	40.3	989	18	1	116	82		31	36	265
33		G. Narangere	3	4	43	30	48.0	109	48	07.4	998	30	1	136	98	1	14	35	284
34		Y. Jambal	3	2	43	28	00.1	109	51	36.3	1049	3	1	114	177	36	24	23	374
35		U. Borkhtuu	2	1	43	28	38	109	52	14	1035	20	3	20	15		12	11	58
36		Sh. Yngirmaa	3	2	43	28	10.3	109	52	27.4	1042	25	3	40	49		16	25	130
37		Ts. Dugersuren	3	6	43	24	16.5	110	00	30.8	1072	30	3	20	30	20	1		71
38		Sh. Baatar	3	1	43	22	24.8	110	01	05.1	1089	6	1	12	57		18	16	103
39		D. Sugar	3	1	43	20	30	110	00	46.7	1115	4	1	90	101	11	42	33	277
40		B. Oyuna	3	1	43	22	52.6	109	56	26.1	1097	15	1	21	114		12	7	154
41		B. Batnemekh	2	1	43	21	15	109	52	36.9	1128	27	1	29	68	3	15	8	123
42		M. Shagdarjav	2	2	43	20	22.3	109	51	00.8	1144	15	3	32	71		5		108
43		D. Janchivdorj	3	2	43	19	32.1	109	50	35.7	1144	6	1	48	110	4	20	4	168
44		D. Bat-Ochir	2	1	43	23	08.9	109	50	28.2	1091	10	3	18	21	4	4		47
45		M. Tseye-Oidov	2	2	43	23	21.4	109	47	16	1083	16	2	17	18	3	18	5	61
46		M. Tseye-Oidov	1	2	43	21	36.3	109	47	48.1	1116	30	3	17	18	3	18	5	61
47		B. Ochirbileg	1	1	43	20	31.4	109	47	47.4	1134	5	3	16	30		4		50
48		Ts. Choijtsuren	2	2	43	19	46.2	109	48	66.9	1144	25	3	14	89	3	4	2	112
49		Ts. Namsrai	3	2	43	19	38.3	109	47	32.8	1153	6	1	41	122		7	12	182
50		B. Bolormaa	3	1	43	20	2.9	109	46	57.9	1145	4	1	8	26		2	1	35
51		L. Dorjvaanchig	3	2	43	19	55.6	109	44	33.1	1163	15	3	81	141	33	70	40	365
52		D. Enkhbold	3	1	43	19	13.8	109	42	51.4	1142	13	1	78	88	17	21	10	212
53		D. Erdenebileg	3	1	43	18	34.7	109	42	38.7	1162	5	1	6	29		7		41
54		Y. Yunran	3	2	43	17	6.1	109	44	10.5	1184	6	1	30	91	6	4	1	132
55		Togrogin aduunii khashaa	4		43	17	52.3	109	39	16.3	1116	19							0
56		Balganjav	1	1	43	17	57.2	109	36	26	1100	25	3	40	99		13		152
57		Balganjav	2	1	43	18	57.7	109	33	30.4	1114	16	1	40	99		13		152
58		Tsagaan-Ishig	1	2	43	19	26.6	109	33	23.3	1119	11	1	18	42		5	1	66
59		B. Tseveendorj	3	2	43	22	19.6	109	34	28.2	1078	30	1	66	77	3	26	14	186
60		Zolbayar	3	2	43	22	19.6	109	34	28.2	1079		3	45	47				92
61		D. Tsendoosuren	1	2	43	22	29.7	109	30	34.2	1068	10	1		56	8	17	4	85
62		J. Byambabazar	3	1	43	25	6.1	109	32	3.9	1009	8	1	18	61		7	13	99
63		B. Dorjsuren	2	1	43	25	4	109	34	40.4	1027	2	1	244	255	26	64	23	612
64		G. Batchuluun	1	1	43	23	26.9	109	36	5.9	1084	10	1	115	82	21	28	31	277
65		G. Batchuluun	2	1	43	25	5.6	109	38	20.5	1055	30	1	115	82	21	28	31	277
66		Ch. Batbold	3	1	43	23	19.8	109	40	45.3	1100	11	1	34	78		14	5	129
67		Ch. Navaan-Luyaa	3	1	43	22	55.4	109	43	26.4	1095	13	1	90	141	20	11	10	272
68		Ch. Sarantuya	1	2	43	26	53.3	109	44	47.4	1068	11	1	48	95	8	13	4	168
69		Kh. Batjargal	3	1	43	27	20.6	109	45	35	1035	31	3	30	83	19	11	15	158
70		Ts. Khuukhen	3	1	43	26	28.5	109	43	28.2	1054	10	1	20	67				87
71		T. Nyamdorj	3	1	43	26	55.3	109	41	54.3	1037	12	1	31	34		8	24	97
72		O. Bileg	2	1	43	27	8.1	109	40	24.4	1034	1	1	90	173	19	23	11	316
73		T. Batbaatar	3	1	43	35	13.2	109	33	38.6	965	6	1	23	76	4	13	3	119
74		M. Sengobaatar	3	1	43	35	26.7	109	30	54.1	971	10	1	4	54	4	9	18	87
75		B. Dorjsuren	1	1	43	37	55.6	109	34	29.8	1044	15	1	244	255	28	64	23	612
76		D. Bor-Ishig	3	1	43	38	46.8	109	35	19.1	1068	5	1	10	41	8	15	1	76
77		N. Nesanbat	2	1	43	38	47.1	109	36	38.9	1058	13	2	15	50		14	5	64
78		S. Bandi	3	2	43	40	19.5	109	35	22.4	1038	17	1	127	98	18	60	54	357
79		S. Bandi	1	2	43	40	55.6	109	35	6.1	1007	35	1	127	98	18	60	54	357
80		Shar amni bodiin khashaa	2		43	41	3.6	109	38	59	987	11							0
81	Javhlant	B. Erdene-Jargal	3	1	43	40	21.2	109	39	36.8	1004	10	1	13	51	2	7	7	80
82	Javhlant	D. Bayar-bileg	3	2	43	39	0.1	109	42	31.9	1014	24	3	95	171	31	29	131	457
83	Javhlant	L. Tserenpil	3	1	43	36	35.5	109	38										

Table H.6 HERDER'S SHELTER INVENTORY SURVEY

Soum name: Huvsgul

Id	Bag name	Owner of shelter	Purpose of shelter	Number of shelter user	Measured coordinate by GPS						Height	Using year	Original owner	Sheep	Goat	Cattle	Horse	Camel	Total
					Lat.grad	Lat.min	Lat.sec	Long.grad	Long.min	Long.sec									
85		J.Tserendulam	3	2	43	24	29	110	01	43	1072	32	1	98	153	35	53	55	394
86	Chuluut	S.Tseveendorj	3	2	43	22	49	110	13	33	1091	11	1	205	230	35	60	20	550
87	Chuluut	B.Nason-Olzii	1	3	43	25	16	110	24	44	1110	25	1	300	500	25	30	11	666
88	Chuluut	Ts.Namsrajsuren	1	3	43	21	48	110	19	04	1167	18	2	120	115	12	15	25	287
89	Chuluut	L.Tamaara	1	1	43	22	34	110	33	07	1085	20	1	200	130	50	108	62	538
90	Chuluut	B.Gantulga	1	1	43	23	03	110	32	28	1105	3	1	25	50	1	8	2	86
91	Chuluut	D.Togoo	2	3	43	19	03	110	29	30	1115	4	1	210	451	75	110	12	858
92	Chuluut	D.Chantsal	1	2	43	18	52	110	23	27	1120	37	1	38	96		10	2	146
93	Chuluut	Ts.Buyandalgaj	1	1	43	13	08	110	16	13	1146	10	1	28	85		8	4	125
94	Chuluut	Y.Luvsanrenzin	1	3	43	13	53	110	21	24	1115	18	1	50	410	30	42	50	562
95	Chuluut	Ts.Chuluunchimeg	3	2	43	13	01	110	05	22	1195	16	1	30	57	17	16	10	130
96	Chuluut	Oidovnym	3	2	43	18	50	110	02	10	1143	10	1	33	60	7	12		112
97	Chuluut	Ts.Lyda	3	2	43	16	58	109	58	32	1153	2	1	84	109		10	17	190
98	Chuluut	S.Erdenebileg	3	1	43	18	37	110	03	25	1119	2	1	109	120	27	20	10	303
99	Chuluut	M.Enkhbold	3	1	43	14	31	109	57	24	1179	2	1	22	86		1	1	90
100	Chuluut	J.Donrovjamta	2	2	43	12	56	109	55	00	1213	22	1	112	236	21	18	17	404
101	Chuluut	D.Tsend-Ayush	2	1	43	11	31	109	54	48	1229	15	1	23	20	2	6	4	65
102	Chuluut	B.Taagaankhuy	3	3	43	18	48	110	10	32	1159	22	1	137	120	13	30	7	307
103	Chuluut	Ts.Adaya	3	2	43	21	48	110	19	04	1167	15	1	40	93	14	11	9	167
104	Chuluut	N.Dugerjay	3	1	43	24	51	110	20	34	1097	9	1	34	80	10	5		109
105	Chuluut	Naldan	2	1	43	22	47	110	21	03	1170	8	1	45	73	14	11	9	152
106	Chuluut	Balmonkh	3	2	43	24	38	110	27	54	1125	6	1	23	30	11	5	4	73
107	Chuluut	Baatarasukh	3	3	43	23	39	110	28	15	1147	8	1	15	45				60
108	Chuluut	G.Erdenebileg	4	3	43	12	55	110	27	05	1079	38	1	220	335	24	24	18	621
109	Chuluut	O.Tomormonkh	4	3	43	14	11	110	30	56	1088	15	1	150	220	14	28	5	415
110	Chuluut	Sh.Uuganbayar	4	2	43	15	00	110	32	40	1081	13	1	57	150	21	25	17	270
111	Chuluut	Ts.Taagaankhuy	4	2	43	06	17	110	10	40	1181	3	1	7	65		13	12	97
112	Chuluut	O.Erdenebaatar	4	2	43	09	55	110	09	33	1162	6	1	135	210	18	25	12	401
113	Chuluut	Ts.Ragchaa	4	4	43	07	30	110	04	08	1223	12	3	265	310	30	120	40	765
114	Chuluut	Y.Buitemj	4	2	43	08	41	110	01	18	1252	10	3	206	148	19	21	7	399
115	Chuluut	O.Erdenesuren	4	2	43	14	20	110	08	47	1173	21	1	60	150	4	20	6	240
116	Chuluut	B.Tsevei	4	2	43	20	58	110	09	43	1174	15	1	70	120	6	22	5	223
117	Chuluut	G.Ukhna	4	2	43	18	40	109	48	40	1197	10	1	82	109	4	18	7	220
118	Chuluut	Galsanzharay	4	3	43	14	21	109	45	31	1234	18	1	88	120	8	16	10	242
119	Chuluut	Tomorooc	3	2	43	20	37	110	32	40	1162	10	1	30	25	7	10	2	74
120	Chuluut	D.Batbayar	2	1	43	19	20	110	28	45	1121	3	2	5	29				34
121	Chuluut	D.Bold	3	2	43	03	25	110	19	49	1048	8	1	131	136	18	31	4	320
122	Chuluut	T.Yra	3	2	43	10	38	109	58	31	1194	8	1	156	253	24	17	22	472
123	Chuluut	Ts.Taegmid	3	2	43	11	58	109	58	45		9	1	15	103	9	4	8	139
124		Sarantuya	2	2	43	25	20	109	41	03	1063	12	1	48	95	8	13	4	168
126		Ch.Batbold	2	3	43	24	18	109	38	39	1081	10	2	39	78		14	5	134
128		L.Ukhnadaj	3	2	43	34	28	109	23	36	905	5	1	45	77	9	22	17	170
127		S.Bal-Ochir	1	2	43	24	35	109	26	38	926	10	1	78	83	9	15	22	207
128		O.Terbish	3	6	43	38	33	109	04	17	814	10	2	80	260	26	26	36	427
129		Ch.Batbileg	2	3	43	24	26	109	34	65	1058	6	1	48	66		14	2	130
130		D.Tsendoosuren	2	2	43	23	32	109	31	20	1038	8	1		56	8	17	4	85
131		L.Ukhnadaj	2	3	43	34	28	109	23	38	905	12	1	45	77	9	22	17	170
Total				227										9412	13786	1349	2770	2088	29403