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Tectonic evolution of the northern Verkhoyansk Fold-and-Fhrust Belt: insights from palaeostress analysis and U-Pb calcite dating

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Supplementary Table S1. Structural data

BEDDING

Danil River Area							Neleger River Area						
point	latitude	longitude	#	dip azimuth	dip angle	bedding	point	latitude	longitude	#	dip azimuth	dip angle	bedding
541	71.52408751	128.0495341	1	82	22	overturned				1	81	18	normal
			2	81	26	overturned	n01	71.26786111	128.0643056	2	94	17	normal
542	71.52444315	128.0516909	3	71	20	overturned				3	88	22	normal
			4	73	22	overturned				4	131	25	normal
			5	75	26	overturned	n02	71.24036111	127.9141944	5	122	40	normal
543	71.52530774	128.0527176	6	88	67	overturned				6	105	40	normal
			7	91	36	overturned				7	98	37	normal
			8	80	26	overturned				8	105	34	normal
			9	87	30	overturned				9	101	32	normal
544	71.52597796	128.0543017	10	87	28	overturned				10	272	84	normal
			11	97	25	overturned				11	264	86	normal
			12	82	27	normal				12	277	82	normal
545	71.5246558	128.0573559	13	84	20	normal				13	107	45	normal
			14	73	32	normal	n03	71.18638889	127.8358889	14	132	30	normal
546	71.5244341	128.0591891	15	78	27	normal				15	115	38	normal
			16	67	20	normal				16	110	46	normal
547	71.52453125	128.0626955	17	69	10	normal				17	267	40	normal
			18	42	20	normal				18	273	32	normal
548	71.52626135	128.0631158	19	95	29	normal				19	278	68	normal
549	71.52631818	128.0662284	20	88	18	overturned				20	293	72	normal
			21	86	22	overturned				21	108	31	normal
			22	118	34	overturned				22	100	50	normal
550	71.52777001	128.0643936	23	109	18	overturned	n04	71.18477778	127.8443333	23	99	62	normal
			24	108	19	overturned				24	102	22	normal
			25	124	23	overturned				25	103	34	normal
551	71.5265015	128.0691616	26	103	8	normal				26	298	75	normal
			27	81	14	normal	n05	71.18391667	127.8578056	27	280	82	normal
552	71.52633579	128.0727584	28	73	18	normal				28	102	58	normal
			29	76	14	normal				29	127	26	normal
			30	61	17	normal	n06	71.18425	127.8628889	30	108	29	normal

553	71.52730406	128.0739147	31	112	18	normal
			32	101	16	normal
554	71.52707607	128.0754002	33	109	26	normal
			34	84	25	normal
			35	111	30	normal
555	71.52822079	128.0785584	36	89	28	normal
			37	92	18	normal
			38	96	12	normal
556	71.52611987	128.0842137	39	81	12	normal
			40	93	23	normal
			41	52	12	normal
			42	286	7	normal
557	71.52540833	128.0890684	43	287	12	normal
			44	287	20	normal
			45	88	9	normal
			46	81	9	normal
			47	83	10	normal
558	71.52734513	128.0857506	48	237	26	normal
			49	270	21	normal
			50	267	20	normal
			51	237	12	normal
			52	203	20	normal
559	71.52542165	128.0899824	53	111	30	normal
			54	81	45	normal
560	71.52764504	128.094228	55	84	8	normal
			56	99	8	normal
			57	283	34	normal
			58	279	80	normal
			59	280	71	normal
561	71.52719459	128.0992997	60	301	64	normal
			61	303	58	normal
			62	279	71	normal
			63	278	84	normal

			31	118	58	normal
n07	71.18469444	127.8707222	32	112	61	normal
			33	103	52	normal
			34	99	64	normal
			35	105	50	normal
n08	71.18088889	127.8498889	36	4	51	normal
			37	113	68	normal
			38	119	53	normal
			39	123	55	normal
			40	103	53	normal
			41	292	32	normal
			42	98	57	normal
			43	108	22	normal
			44	305	30	normal
n09	71.17591667	127.8525556	45	94	67	normal
			46	116	63	normal
			47	110	60	normal
			48	105	57	normal
			49	118	60	normal
			50	263	86	normal
			51	278	82	normal
			52	282	84	normal
			53	278	73	normal
			54	284	83	normal
			55	93	80	normal
			56	349	38	normal
			57	110	72	normal
n10	71.16027778	127.8852222	58	194	21	normal
			59	108	70	normal
			60	93	73	normal
			61	106	73	normal
			62	104	76	normal
			63	119	75	normal

			64	88	39	normal				64	107	62	normal
			65	88	42	normal				65	104	53	normal
			66	97	38	normal				66	98	50	normal
			67	276	78	normal				67	95	62	normal
562	71.52684725	128.111388	68	286	87	normal				68	275	65	normal
			69	115	45	normal				69	288	46	normal
			70	109	68	normal				70	98	64	normal
			71	58	34	normal				71	82	70	normal
			72	39	10	normal	n11	71.16672222	127.8885	72	82	70	normal
563	71.52753205	128.1141031	73	106	64	normal				73	83	68	normal
			74	113	60	normal				74	87	58	normal
564	71.52767697	128.1174584	75	90	47	normal				75	91	72	normal
			76	102	44	normal				76	98	72	normal
565	71.52658431	128.1194344	77	77	25	normal				77	100	73	normal
			78	76	30	normal	n12	71.16941667	127.8806389	78	118	54	normal
			79	95	32	normal	n13	71.17502778	127.8633889	79	120	40	normal
566	71.52791418	128.1236127	80	107	26	normal	n14	71.18255556	127.8447778	80	112	46	normal
			81	117	22	normal				81	248	38	normal
567	71.52697541	128.1292656	82	91	78	normal				82	247	37	normal
			83	113	34	normal				83	213	18	normal
568	71.52632338	128.1322198	84	125	57	normal	n15	71.20563889	127.7622778	84	221	32	normal
			85	123	60	normal				85	117	8	normal
			86	252	52	normal				86	117	25	normal
			87	236	89	normal				87	109	35	normal
			88	279	70	normal				88	131	37	normal
569	71.52707599	128.1343014	89	282	70	normal	n16	71.20630556	127.7414167	89	124	33	normal
			90	87	44	normal				90	125	24	normal
			91	78	30	normal				91	259	30	normal
			92	103	33	normal				92	141	29	normal
			93	291	40	normal				93	123	30	normal
570	71.52827603	128.1424085	94	279	48	normal	n17	71.2065	127.7381667	94	121	41	normal
			95	294	39	normal				95	261	50	normal
			96	275	40	normal				96	155	12	normal

			97	279	34	normal
			98	267	44	normal
			99	273	40	normal
571	71.52940205	128.1457844	100	93	32	normal
			101	96	30	normal
			102	94	44	normal
			103	78	32	normal
			104	97	35	normal
			105	89	42	normal
			106	93	32	normal
			107	91	35	normal
572	71.53021267	128.1489016	108	80	34	normal
			109	108	37	normal
			110	93	30	normal
573	71.53030017	128.1517702	111	107	37	normal
574	71.52968754	128.1531242	112	103	40	normal
575	71.5312164	128.1586113	113	90	47	normal
			114	80	49	normal
			115	94	55	overturned
576	71.53269279	128.1727208	116	97	59	overturned
			117	102	57	overturned
577	71.53267183	128.1753421	118	89	30	overturned
			119	94	50	overturned
578	71.53785009	128.181326				
579	71.53948666	128.185632	120	49	20	normal
580	71.54017364	128.1891474	121	61	59	normal
			122	70	71	normal
583	71.54167341	128.1910806	123	89	65	normal
			124	88	66	normal
			125	91	56	normal
			126	98	42	normal
			127	102	30	normal
			128	103	27	normal
d01	71.55033611	128.39787778				

			97	197	9	normal
			98	128	30	normal
			99	117	28	normal
n18	71.20302778	127.7320833	100	119	28	normal
			101	122	34	normal
			102	127	32	normal
			103	118	25	normal
			104	128	34	normal
n19	71.20305556	127.7307222	105	125	36	normal
			106	131	28	normal
			107	123	27	normal
			108	117	18	normal
			109	112	18	normal
			110	103	14	normal
n20	71.21030556	127.6978889	111	112	12	normal
			112	114	20	normal
			113	107	18	normal
			114	103	16	normal
			115	107	13	normal
n21	71.21013889	127.6984444	116	107	17	normal
			117	99	18	normal
			118	112	18	normal
			119	113	22	normal
			120	103	19	normal
			121	103	20	normal
			122	107	18	normal
			123	100	18	normal
n22	71.20988889	127.7001389	124	107	16	normal
			125	102	19	normal
			126	104	19	normal
			127	98	15	normal
			128	108	20	normal
			129	98	22	normal

d01	71.55033611	128.39767778	129	93	52	normal				130	104	19	normal
			130	253	68	normal				131	110	14	normal
			131	251	70	normal				132	108	20	normal
			132	257	70	normal				133	100	19	normal
			133	87	38	normal	n23	71.20941667	127.6978333	134	102	18	normal
			134	100	19	normal				135	97	15	normal
			135	88	42	normal				136	94	20	normal
			136	100	47	normal				137	100	10	normal
d02	71.55047500	128.39411389	137	86	43	normal				138	101	10	normal
			138	80	37	normal				139	94	10	normal
			139	81	45	normal				140	93	9	normal
			140	88	44	normal				141	118	17	normal
			141	86	42	normal	n24	71.20811111	127.6967778	142	113	20	normal
			142	123	45	normal				143	93	18	normal
			143	88	62	normal				144	102	19	normal
			144	88	45	normal				145	113	21	normal
			145	93	40	normal				146	107	19	normal
d03	71.55109167	128.37543333	146	108	37	normal				147	112	20	normal
			147	114	53	normal				148	107	20	normal
			148	100	40	normal				149	113	17	normal
			149	95	46	normal	n25	71.20805556	127.6921111	150	115	12	normal
			150	97	66	normal				151	122	20	normal
			151	104	58	overturned				152	118	21	normal
			152	111	57	overturned				153	103	12	normal
			153	102	52	overturned	n26	71.208	127.6906389	154	93	18	normal
			154	99	57	overturned				155	107	17	normal
			155	100	56	overturned				156	103	18	normal
			156	114	50	overturned				157	85	23	normal
			157	295	58	normal				158	88	22	normal
			158	93	28	normal				159	109	16	normal
d04	71.55020000	128.37020833	159	108	50	normal	n7	71.20794444	127.68875	160	96	12	normal
			160	88	30	normal				161	97	15	normal
			161	75	43	normal				162	102	17	normal

			162	81	42	normal				163	93	20	normal
			163	80	35	normal				164	93	20	normal
			164	102	80	normal				165	88	18	normal
			165	92	60	normal				166	92	18	normal
			166	104	60	normal				167	94	19	normal
			167	105	55	normal	n28	71.20708333	127.6866944	168	89	20	normal
			168	73	30	normal				169	79	8	normal
			169	63	32	normal				170	103	22	normal
			170	79	43	normal				171	108	12	normal
			171	77	45	normal				172	117	12	normal
d05	71.55103889	128.36190833	172	82	58	normal				173	119	20	normal
			173	83	52	normal				174	115	18	normal
			174	84	60	normal	n29	71.20516667	127.6810556	175	117	19	normal
			175	84	60	normal				176	119	42	normal
			176	78	44	normal				177	151	62	normal
			177	74	51	normal				178	132	46	normal
			178	112	70	overturned	n30	71.20511111	127.6794722	179	113	19	normal
			179	113	60	overturned				180	107	20	normal
			180	107	67	overturned				181	118	18	normal
			181	95	60	overturned				182	111	19	normal
			182	91	54	overturned	n31	71.20538889	127.6763056	183	109	18	normal
d06	71.55046944	128.31598333	183	98	54	overturned				184	104	17	normal
			184	94	78	overturned				185	98	18	normal
			185	119	76	overturned				186	94	20	normal
			186	104	68	overturned				187	95	17	normal
			187	91	74	overturned				188	98	18	normal
			188	94	65	overturned				189	92	20	normal
			189	93	75	overturned	n32	71.20475	127.6686389	190	89	31	normal
d07	71.55117500	128.30955833	190	92	72	overturned				191	82	30	normal
			191	98	83	overturned				192	80	37	normal
d08	71.55027500	128.27545278								193	75	30	normal
			192	90	80	overturned				194	98	31	normal
			193	91	74	overturned				195	99	25	normal

			194	97	71	overturned				196	98	29	normal
d09	71.55129444	128.30536944	195	87	75	overturned				197	98	38	normal
			196	93	73	overturned				198	98	34	normal
			197	99	72	overturned	n33	71.20472222	127.6633611	199	97	28	normal
			198	93	78	overturned				200	287	20	normal
			199	143	28	normal				201	298	20	normal
			200	255	64	normal				202	273	27	normal
			201	115	38	normal				203	97	26	normal
d10	71.55044167	128.28978889	202	127	30	normal				204	78	27	normal
			203	115	52	overturned				205	96	35	normal
			204	106	58	overturned				206	85	30	normal
			205	106	57	overturned				207	98	9	normal
			206	148	50	overturned				208	108	10	normal
			207	100	56	overturned				209	108	12	normal
			208	103	65	overturned	n34	71.2065	127.6595278	210	333	18	normal
d11	71.55068611	128.28335278	209	101	66	overturned				211	332	17	normal
			210	103	64	overturned				212	101	42	normal
			211	107	54	overturned				213	103	40	normal
			212	100	75	overturned				214	93	27	normal
			213	95	72	overturned				215	97	27	normal
			214	99	68	overturned				216	108	24	normal
			215	96	72	overturned				217	103	28	normal
d12	71.55027500	128.27545278	216	290	68	overturned				218	99	27	normal
			217	273	82	overturned				219	113	24	normal
			218	100	69	overturned				220	94	20	normal
			219	87	88	overturned				221	99	18	normal
d13	71.54953333	128.27074167	220	100	60	overturned	n35	71.20827778	127.65725	222	120	18	normal
d14	71.54953333	128.26768056	221	93	50	overturned				223	97	30	normal
			222	103	58	overturned				224	90	25	normal
			223	87	75	overturned				225	105	20	normal
			224	83	62	overturned				226	107	30	normal
			225	88	69	overturned				227	123	26	normal
			226	95	61	overturned	n36	71.20941667	127.6514444	228	126	23	normal

d15	71.54928333	128.25989722	227	85	71	overturned
			228	86	58	overturned
			229	90	66	overturned
			230	265	77	overturned
			231	259	75	overturned
			232	213	20	normal
			233	195	12	normal
			234	340	22	normal
			235	341	26	normal
			236	305	50	normal
			237	16	58	normal
			238	43	39	normal
			239	65	52	normal
			240	48	50	normal
d16	71.54926667	128.25676944	241	67	50	normal
			242	88	54	normal
			243	83	45	normal
			244	82	40	normal
			245	305	32	normal
			246	313	70	normal
			247	120	86	normal
			248	92	60	normal
			249	91	61	normal
			250	93	52	normal
			251	88	61	normal
d17	71.54754167	128.25004722	252	95	51	normal
			253	98	48	normal
			254	93	57	normal
			255	96	49	normal
			256	76	68	normal
d18	71.54718889	128.24406944	257	263	86	normal
			258	88	50	normal
			259	258	75	normal

			229	117	37	normal
n37	71.20991667	127.6487778	230	114	33	normal
			231	108	28	normal
			232	109	30	normal
			233	113	38	normal
			234	118	40	normal
n38	71.21066667	127.6467222	235	100	28	normal
			236	123	28	normal
			237	98	19	normal
			238	87	28	normal
			239	99	28	normal
			240	73	28	normal
n39	71.20958333	127.6419722	241	248	22	normal
			242	43	20	normal
			243	66	26	normal
n40	71.20888889	127.6376389	244	59	13	normal
			245	103	20	normal
			246	104	12	normal
			247	95	12	normal
n41	71.20972222	127.6261389	248	108	17	normal
			249	109	20	normal
			250	140	12	normal
			251	137	16	normal
			252	143	8	normal
n42	71.20983333	127.6245278	253	223	18	normal
			254	48	12	normal
			255	68	29	normal
			256	68	28	normal
			257	65	39	normal
			258	227	70	normal
			259	224	58	normal
			260	228	65	normal
			261	227	52	normal

d19	71.54407778	128.23489722	260	73	25	normal
			261	293	70	normal
d20	71.54613611	128.23554444	262	286	59	normal
			263	267	65	normal
			264	93	54	normal
			265	95	54	normal
d21	71.54613889	128.23081944	266	92	52	normal
			267	117	48	normal
			268	103	42	normal
			269	104	44	normal
			270	117	24	normal
d22	71.54600556	128.22897222	271	93	19	normal
			272	273	17	normal
			273	269	60	normal
CAMP	71.54600000	128.22425000	274	90	4	normal
			275	83	9	normal
d23	71.54647222	128.21741667	276	83	33	normal
			277	80	40	normal
d24	71.52547222	128.09075000				

			262	49	45	normal
			263	49	68	normal
			264	229	54	normal
			265	216	52	normal
			266	226	50	normal
			267	233	50	normal
			268	209	13	normal
			269	208	20	normal
			270	48	32	normal
			271	54	33	normal
			272	51	43	normal
			273	67	65	normal
			274	68	60	normal
n43	71.20944444	127.6216944	275	64	48	normal
			276	248	33	normal
			277	250	36	normal
			278	243	28	normal
			279	62	27	normal
			280	73	17	normal
			281	43	9	normal
			282	63	17	normal
			283	55	12	normal
			284	63	15	normal
			285	52	50	normal
			286	60	62	normal
			287	59	65	normal
			288	60	62	normal
			289	54	60	normal
			290	53	53	normal
			291	53	38	normal
			292	28	50	normal
			293	278	52	normal
			294	255	25	normal

n44	71.21005556	127.6113056	295	271	32	normal
			296	268	22	normal
			297	298	22	normal
			298	77	32	normal
n45	71.21405556	127.6119444	299	253	39	normal
n46	71.21388889	127.6041389				
			300	263	50	normal
			301	267	40	normal
			302	254	38	normal
			303	258	40	normal
			304	280	43	normal
			305	272	59	normal
			306	268	75	normal
n47	71.21488889	127.5999722	307	283	55	normal
			308	275	64	normal
			309	283	61	normal
			310	279	50	normal
			311	287	68	normal
			312	289	70	normal
			313	293	72	normal
			314	288	68	normal
			315	286	62	normal
n48	71.21619444	127.5801667	316	278	61	normal
			317	289	60	normal
			318	270	33	normal
n49	71.21525	127.56525	319	284	38	normal
			320	282	49	normal
			321	287	40	normal
			322	282	38	normal
n50	71.21488889	127.5971944	323	293	48	normal
			324	282	56	normal
			325	288	55	normal
			326	275	58	normal

			327	283	58	normal
			328	280	55	normal
			329	278	48	normal
			330	286	62	normal
n51	71.21572222	127.5929444	331	282	60	normal
			332	263	40	normal
			333	264	38	normal
			334	282	50	normal
			335	285	65	normal
			336	288	60	normal
			337	283	45	normal
			338	281	30	normal
			339	294	44	normal
n52	71.21611111	127.5896111	340	290	45	normal
			341	287	57	normal
			342	291	60	normal
			343	286	48	normal
			344	290	52	normal
			345	283	62	normal
n53	71.21622222	127.5825278	346	284	64	normal
			347	288	49	normal
n54	71.21591667	127.5789722				
			348	285	43	normal
n55	71.21369444	127.5651667	349	288	41	normal
			350	288	43	normal
			351	289	40	normal
			352	265	28	normal
n56	71.21455556	127.5592778	353	268	36	normal
			354	298	17	normal
			355	305	12	normal
n57	71.21805556	127.55775				
n58	71.22230556	127.5491944				
n59	71.22069444	127.5381389				

n68	71.21952778	127.4989444	356	275	58	normal
			357	276	50	normal
			358	275	60	normal
			359	287	60	normal
n60	71.21786111	127.49325	360	282	54	normal
			361	280	58	normal
			362	273	65	normal
			363	275	61	normal
			364	277	72	normal
			365	283	68	normal
n61	71.21780556	127.4909444	366	275	57	normal
			367	269	56	normal
			368	269	60	normal
			369	273	58	normal
			370	288	54	normal
			371	277	62	normal
n62	71.2195	127.4813611	372	282	62	normal
			373	297	52	normal
			374	299	54	normal
n63	71.22066667	127.4781944				
			375	96	52	normal
			376	89	58	normal
			377	281	32	normal
n64	71.22244444	127.4575556	378	285	45	normal
			379	294	35	normal
			380	287	31	normal
			381	289	33	normal
			382	309	20	normal
			383	290	22	normal
			384	293	22	normal
n65	71.22288889	127.45025	385	280	18	normal
			386	307	18	normal
			387	283	20	normal

			388	287	12	normal
n66	71.22591667	127.44075	389	288	20	normal
			390	289	18	normal
			391	287	17	normal
			392	307	12	normal
n67	71.22225	127.4326667	393	298	18	normal
			394	298	21	normal
			395	301	23	normal
n69	71.21869444	127.4029444	396	313	6	normal
			397	315	16	normal
			398	103	44	normal
SM-01	71.19847778	127.8167278	399	104	43	normal
			400	105	43	normal
			401	103	43	normal
			402	113	44	normal
SM-02	71.19895	127.8128861	403	103	38	normal
			404	108	35	normal
			405	105	38	normal
			406	103	42	normal
SM-03	71.19854722	127.8119778	407	99	48	normal
			408	99	44	normal
			409	100	50	normal
			410	100	54	normal
			411	96	48	normal
SM-04	71.19873611	127.8114972	412	96	48	normal
			413	99	45	normal
			414	99	45	normal
			415	113	50	normal
SM-05	71.19917778	127.812	416	105	45	normal
			417	106	48	normal
			418	105	53	normal
			419	89	47	normal
SM-06	71.20467778	127.8076639	420	99	49	normal

SM-06	71.20467778	127.8076639	421	88	45	normal
			422	86	54	normal
SM-07	71.20416667	127.8059667	423			
SM-08	71.20350278	127.8037917	424			
SM-09	71.20395556	127.8016917	425			
			426	89	53	normal
SM-10	71.20453333	127.7954139	427	93	47	normal
			428	94	52	normal
			429	91	49	normal
			430	97	48	normal
SM-11	71.20470833	127.7939028	431	98	50	normal
			432	87	48	normal
			433	90	48	normal
SM-12	71.20486389	127.7921278	434	81	58	normal
			435	87	52	normal
SM-13	71.20562222	127.7883583	436			
SM-14	71.20576111	127.7828139	437			
SM-15	71.20527222	127.7297472	438			
			439	90	35	normal
SM-16	71.20376111	127.7273778	440	87	26	normal
			441	70	28	normal
			442	115	15	normal
SM-17	71.20748611	127.7165333	443	116	13	normal
			444	114	15	normal
			445	115	13	normal
SM-18	71.208475	127.7131583	446			
SM-19	71.206375	127.7058556	447	105	20	normal
			448	90	22	normal
			449	97	14	normal
			450	100	13	normal
			451	102	12	normal
SM-20	71.209	127.7101722	452	103	13	normal
			453	98	11	normal

			454	105	13	normal
			455	108	13	normal
			456	108	18	normal
			457	107	17	normal
SM-21	71.20921389	127.7088472	458	108	17	normal
			459	107	17	normal
SM-22	71.20946944	127.7040639				
			460	312	27	normal
			461	316	25	normal
SM-23	71.21119167	127.5615972	462	313	25	normal
			463	309	24	normal
			464	80	56	normal
			465	73	50	normal
			466	78	48	normal
			467	80	63	normal
			468	80	55	normal
			469	83	70	normal
SM-24	71.20999167	127.593325	470	90	68	normal
			471	78	80	normal
			472	88	70	normal
			473	87	79	normal
			474	313	23	normal
			475	303	22	normal
			476	307	21	normal
			477	280	39	normal
			478	279	45	normal
			479	285	46	normal
SM-25	71.21301111	127.5583861	480	283	38	normal
			481	289	39	normal
			482	290	39	normal
			483	298	19	normal
			484	287	26	normal
SM-26	71.21541111	127.5641583	485	279	26	normal

			486	285	29 normal
			487	259	30 normal
			488	277	36 normal
			489	277	36 normal
SM-27	71.21833056	127.5560194	490	276	37 normal
			491	276	41 normal
			492	283	40 normal
			493	280	43 normal
SM-28	71.22076667	127.5544389	494	297	47 normal
			495	283	44 normal
			496	277	41 normal
SM-29	71.22149167	127.5429444			
SM-30	71.221625	127.5421833			
			497	279	41 normal
			498	273	38 normal
			499	273	49 normal
SM-31	71.2218	127.5419167	500	279	38 normal
			501	268	50 normal
			502	263	50 normal
			503	280	49 normal
			504	272	51 normal
			505	274	50 normal
SM-32	71.21995556	127.5310444	506	274	49 normal
			507	270	49 normal
			508	280	50 normal
SM-33	71.22031389	127.5266333	509	282	52 normal
			510	280	50 normal
SM19-30	71.24386111	127.5622778			

FOLDS

Danil River Area						
#	point	axial plane strike	axial plane dip azimuth	axial plane dip angle	hinge trend	hinge plunge
1	d01	353	83	76	169.3	14.4
2	d04	19.7	109.7	80.9	20.8	6.7
3	d10	27.6	117.6	41	186.6	17.3
4	d15	160.4	250.4	43.1	175.5	13.7
5	d16	191.7	281.7	82	9.5	15.1
6	d22	190.3	280.3	87.8	190.4	2.3
7	558	340.6	70.6	85.5	160.4	2.2
8	560	9.2	99.2	65.9	9.7	1.1
9	561	10.9	100.9	75.4	13.6	10.3
10	568	15.5	105.5	83.7	193.2	20.8
11	569	1.1	91.1	75.9	1.5	1.5
12	571	3.3	93.3	88	183.3	0.1

Neleger River Area						
#	point	axial plane strike	axial plane dip azimuth	axial plane dip angle	hinge trend	hinge plunge
1	n03-1	5.2	95.2	64.6	181.8	7.3
2	n03-2	10	100	67.9	182.8	17
3	n03-3	192.7	282.7	88.3	192.9	9.5
4	n08	235.4	325.4	79.1	45.1	42.9
5	n09-1	193.4	283.4	77.5	12	6.2
6	n09-2	27.8	117.8	86.4	28	4
7	n11	185.1	275.1	83.6	4	9.5
8	n15	350	80	85.7	169	13.2
9	n17-1	8.4	98.4	82.5	186.1	17.2
10	n17-2	4.6	94.6	68.6	180.3	10.9
11	n33-1	190.8	280.8	85.3	10.7	1.6
12	n33-2	185.3	275.3	87.7	5.1	3.8
13	n34-1	45.2	135.2	86.3	45.5	5.3
14	n34-2	207	297	77	24.8	10.9
15	n39-1	160.8	250.8	87.2	160.8	1.1
16	n39-2	326.1	416.1	88.9	326.2	4.7
17	n42	348.8	78.8	85.9	168	10.6
18	n43-1	137.5	227.5	87.2	137.6	2
19	n43-2	318.1	48.1	82.3	137.8	2.3
20	n43-3	336.9	66.9	84.7	336.9	0.2
21	n64	189.2	279.2	78.2	7.6	7.4

SLICKENSIDES

		Fault plane				Slip (NR - normal right, NL - normal left, TR - thrust right, TL - thrust left)	Type of movement (N - normal fault/T - thrust/S - strike-slip fault (<45°))	MIM format					
#	Point	strike	dip azimuth	dip angle	Rake			faz (fault dip)	fpl (fault dip angle)	Saz (striae trend)	Spl (striae plunge)	Sense (N - normal fault, R - reverse fault)	Stress fields (N - normal faulting, T - thust, S - strike-slip faulting)
1	n02	28	118	40	65	NL	N	118	40	87	36	N	N
2	n03	27	117	30	65	TR	T	117	30	89	27	R	T
3	n03	6	96	33	82	TR	T	96	33	86	33	R	T
4	n03	17	107	22	80	TR	T	107	22	96	22	R	T
5	n03	39	129	16	52	TR	T	129	16	90	13	R	T
6	n10	8	98	45	130	TL	T	98	45	148	33	R	
7	n10	33	123	55	62	NL	N	123	55	80	46	N	N
8	n10	8	98	64	90	TL	T	98	64	98	64	R	T
9	n15	62	152	69	60	TR	T	152	69	94	54	R	T
10	n18	225	315	72	12	NL	S	315	72	229	11	N	N, S
11	n20	190	280	82	30	TR	S	280	82	195	30	R	S
12	n20	191	281	79	29	TR	S	281	79	197	28	R	S
13	n20	213	303	79	30	TR	S	303	79	219	29	R	T, S
14	n20	208	298	78	29	TR	S	298	78	215	28	R	S
15	n23	194	284	82	180	NR	S	284	82	14	0	N	S
16	n24	209	299	70	27	TR	S	299	70	219	25	R	S
17	n24	203	293	73	20	TR	S	293	73	209	19	R	S
18	n24	203	293	80	25	TR	S	293	80	208	25	R	S
19	n24	188	278	78	27	TR	S	278	78	194	26	R	S
20	n24	195	285	79	24	TR	S	285	79	200	24	R	S
21	n24	194	284	78	22	TR	S	284	78	199	21	R	S
22	n24	209	299	80	22	TR	S	299	80	213	22	R	S
23	n24	198	288	75	25	TR	S	288	75	205	24	R	S
24	n24	195	285	68	23	TR	S	285	68	204	21	R	S
25	n28	325	55	12	110	TL	T	55	12	75	11	R	T
26	n28	180	270	81	64	TR	T	270	81	198	63	R	T

27	n28	218	308	82	0	NL	S	308	82	218	0	N	N
28	n28	223	313	77	147	TL	S	313	77	35	32	R	S
29	n28	198	288	88	25	TR	S	288	88	199	25	R	T, S
30	n30	258	348	67	170	NR	S	348	67	74	9	N	
31	n30	249	339	58	6	TR	S	339	58	252	5	R	
32	n30	253	343	70	169	NR	S	343	70	69	10	N	
33	n30	260	350	69	164	NR	S	350	69	74	15	N	
34	n37	19	109	37	90	TL	T	109	37	109	37	R	T
35	n37	219	309	44	50	TR	T	309	44	260	32	R	T
36	n37	29	119	49	80	TR	T	119	49	104	48	R	T
37	n37	338	68	62	120	NR	N	68	62	119	50	N	N
38	n42	317	47	50	82	NL	N	47	50	35	49	N	
39	n42	332	62	40	80	NL	N	62	40	49	39	N	
40	n42	357	87	58	115	NR	N	87	58	128	50	N	N
41	n42	348	78	30	60	NL	N	78	30	44	26	N	
42	n42	128	218	20	100	TL	T	218	20	229	20	R	T
43	n43	136	226	60	100	TL	T	226	60	245	59	R	T
44	n50	176	266	35	92	TL	T	266	35	268	35	R	T
45	n50	172	262	31	102	TL	T	262	31	276	30	R	T
46	n50	177	267	47	85	TR	T	267	47	260	47	R	T
47	n66	180	270	36	96	TL	T	270	36	277	36	R	T
48	SM-17	37	127	14	28	TR	S	127	14	64	7	R	S
49	SM-17	20	110	16	42	TR	S	110	16	61	11	R	S
50	SM19-30	196	286	63	90	TR	T	286	63	286	63	R	T
51	d01	178	268	57	85	TR	T	268	57	259	57	R	T
52	d02	353	83	48	90	NR	N	83	48	83	48	N	N
53	d03	12	102	54	90	TL	T	102	54	102	54	R	T
54	d03	355	85	57	88	TR	T	85	57	81	57	R	T
55	d03	333	63	40	80	TR	T	63	40	50	39	R	T
56	d03	23	113	60	85	TR	T	113	60	103	60	R	T
57	d04	13	103	73	90	NR	N	103	73	103	73	N	N
58	d04	203	293	52	100	TL	T	293	52	309	51	R	T
59	d04	351	81	22	100	TL	T	81	22	92	22	R	T

60	d04	28	118	77	108	TL	T	118	77	173	68	R		
61	d04	13	103	62	116	TL	T	103	62	149	53	R		
62	d05	353	83	42	94	TL	T	83	42	88	42	R	T	
63	d08	44	134	30	50	TR	T	134	30	90	23	R	T	
64	d09	14	104	82	92	TL	T	104	82	118	82	R		
65	d09	7	97	75	87	TR	T	97	75	86	75	R	T	
66	d09	6	96	70	88	TR	T	96	70	90	70	R	T	
67	d10	157	247	56	95	TL	T	247	56	256	56	R	T	
68	d12	233	323	58	135	TL	T	323	58	25	37	R		
69	d12	61	151	72	150	NR	S	151	72	231	28	N		
70	d14	118	208	29	165	NR	S	208	29	285	7	N		
71	d15	0	90	72	82	TR	T	90	72	66	70	R	T	
72	d15	1	91	72	22	NL	S	91	72	8	21	N		
73	d15	164	254	83	0	NL	S	254	83	164	0	N		
74	d16	356	86	74	60	TR	T	86	74	22	56	R		
75	d19	357	87	62	83	NL	N	87	62	72	61	N	N	
76	d24	306	36	23	105	TL	T	36	23	52	22	R	T	
77	d24	333	63	44	87	TR	T	63	44	59	44	R	T	
78	543	128	218	50	150	NR	S	218	50	288	23	N	N	
79	543	62	152	64	27	NL	S	152	64	75	24	N	N	
80	548	7	97	38	80	NL	N	97	38	84	37	N	N	
81	550	132	222	74	158	NR	S	222	74	306	21	N	N	
82	552	29	119	20	30	NL	S	119	20	57	10	N		
83	552	203	293	80	163	NR	S	293	80	20	17	N		
84	556	28	118	8	67	NL	N	118	8	95	7	N	N	
85	557	329	59	4	140	NR	S	59	4	109	3	N	N	
86	557	189	279	22	90	TR	T	279	22	279	22	R	T	
87	557	183	273	22	95	TL	T	273	22	278	22	R	T	
88	559	355	85	44	110	TL	T	85	44	112	41	R	T	
89	559	344	74	42	115	TL	T	74	42	106	37	R	T	
90	559	344	74	60	130	TL	T	74	60	133	42	R	T	
91	559	353	83	23	92	TL	T	83	23	85	23	R	T	
92	561	193	283	34	95	TL	T	283	34	289	34	R	T	

93	561	197	287	38	90	TR	T	287	38	287	38	R	T
94	561	192	282	78	90	TR	T	282	78	282	78	R	T
95	561	183	273	70	90	TR	T	273	70	273	70	R	T
96	562	333	63	59	110	TL	T	63	59	98	54	R	T
97	562	293	23	50	140	TL	S	23	50	85	29	R	
98	563	28	118	54	50	NL	N	118	54	63	38	N	N
99	567	8	98	67	91	NR	N	98	67	101	67	N	N
100	567	137	227	66	125	TL	T	227	66	287	48	R	T
101	572	12	102	33	76	TR	T	102	33	85	32	R	T
102	583	358	88	52	85	NL	N	88	52	80	52	N	N

Thrust stress field		
Stress ratio	ϕ	0.7
Compression axis	σ1	269.1; 2.8
Extension axis	σ3	133.2; 86.1

##	#	Misfit angles, °
1	2	17.5
2	3	8.3
3	4	7.3
4	5	28.7
5	8	5
6	9	0.3
7	13	28.4
8	25	2
9	26	22.7
10	29	18.7
11	34	5.6
12	35	27.1
13	36	2.1
14	42	11
15	43	5
16	44	4.6
17	45	14
18	46	3
19	47	9.7
20	50	11.1
21	51	3.2
22	53	5.3

Normal faulting stress field		
Stress ratio	ϕ	0.8
Compression axis	σ1	170.5; 73.5
Extension axis	σ3	274; 4

##	#	Misfit angles, °
1	1	2.2
2	7	11.2
3	10	21.5
4	27	25.8
5	37	14.6
6	40	9.6
7	52	18.3
8	57	28.5
9	75	24
10	78	11.4
11	79	10
12	80	11.2
13	81	2.5
14	84	16.7
15	85	5.5
16	98	8
17	99	8
18	102	17.4

Strike-slip faulting stress field		
Stress ratio	ϕ	0.2
Compression axis	σ1	222.2; 10.6
Extension axis	σ3	126.7; 26.9

##	#	Misfit angles, °
1	10	21.5
2	11	8.3
3	12	6.9
4	13	5.1
5	14	3
6	15	21.8
7	16	5.6
8	17	1.3
9	18	1.5
10	19	4.4
11	20	2.1
12	21	0.1
13	22	6
14	23	3.4
15	24	2.3
16	28	0.9
17	29	2.9
18	48	10.3
19	49	13.2

23	54	6.8
24	55	23.8
25	56	8.6
26	58	21.4
27	59	2.2
28	62	1.5
29	63	28
30	65	6.6
31	66	3.3
32	67	2.3
33	71	8.9
34	76	5.7
35	77	17.1
36	86	7.9
37	87	11.6
38	88	15.4
39	89	15.4
40	90	27.9
41	91	4.8
42	92	12.5
43	93	8.5
44	94	15.7
45	95	4.9
46	96	2.4
47	100	16.1
48	101	11.8