

ASSESSMENT REPORT ON THE 2015 PRELIMINARY COMPILATION OF HISTORICAL (PRE-2013) GEOLOGICAL DATA ON THE NANA AND PEEL CLAIMS

WHITEHORSE MINING DISTRICT – NTS 115D/ 11

Latitude 60° 41' N, Longitude 135° 22' W

UTM NAD 83 ZONE 8: 480500E, 6728000N

WORK DONE ON NANA 1-26, PEEL 18-19 AND 32 -35

NANA 1 TO 4	YB57721 to YB57724
NANA 5 TO 16	YC54395 to YC54406
NANA 17 TO 18	YC66377 to YC66378
NANA 19 TO 26	YC66711 TO YC66718
PEEL 18 TO 19	YB66841 TO YB66842
PEEL 32 TO 35	YB66855 TO YB66858

WORK DONE BETWEEN OCTOBER 15TH AND NOVEMBER 19TH 2015

REPORT BY DANIÈLE HÉON, P. GEO.

FOR H. COYNE & SONS

WHITEHORSE, NOVEMBER 19TH 2015

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SUMMARY

The Nana property consists of 32 quartz claims in two non-contiguous claim blocks registered in the Whitehorse Mining District., located on NTS map sheet 115D/ 11. The property is located north of the Whitehorse Copper Belt, approximately 6 km west of the western boundary of the City of Whitehorse, and approximately 6 km northwest of Fish Lake. Regional mapping shows the property to overlie Triassic sediments of the Aksala Fm, Hancock member, the same stratigraphy that hosts the skarn deposits of the Whitehorse Copper Belt.

The property has seen episodic exploration since a skarn occurrence was discovered there in the early 1970's. Since then, various phases of prospecting, blasting, drilling, soil sampling and mapping have taken place by various claim owners and operators. A data compilation was needed in order to consolidate the available information. This report documents the information compiled to date, which will hopefully lead to a more informed view on the property and the definition of new exploration targets.

LOCATION AND ACCESS

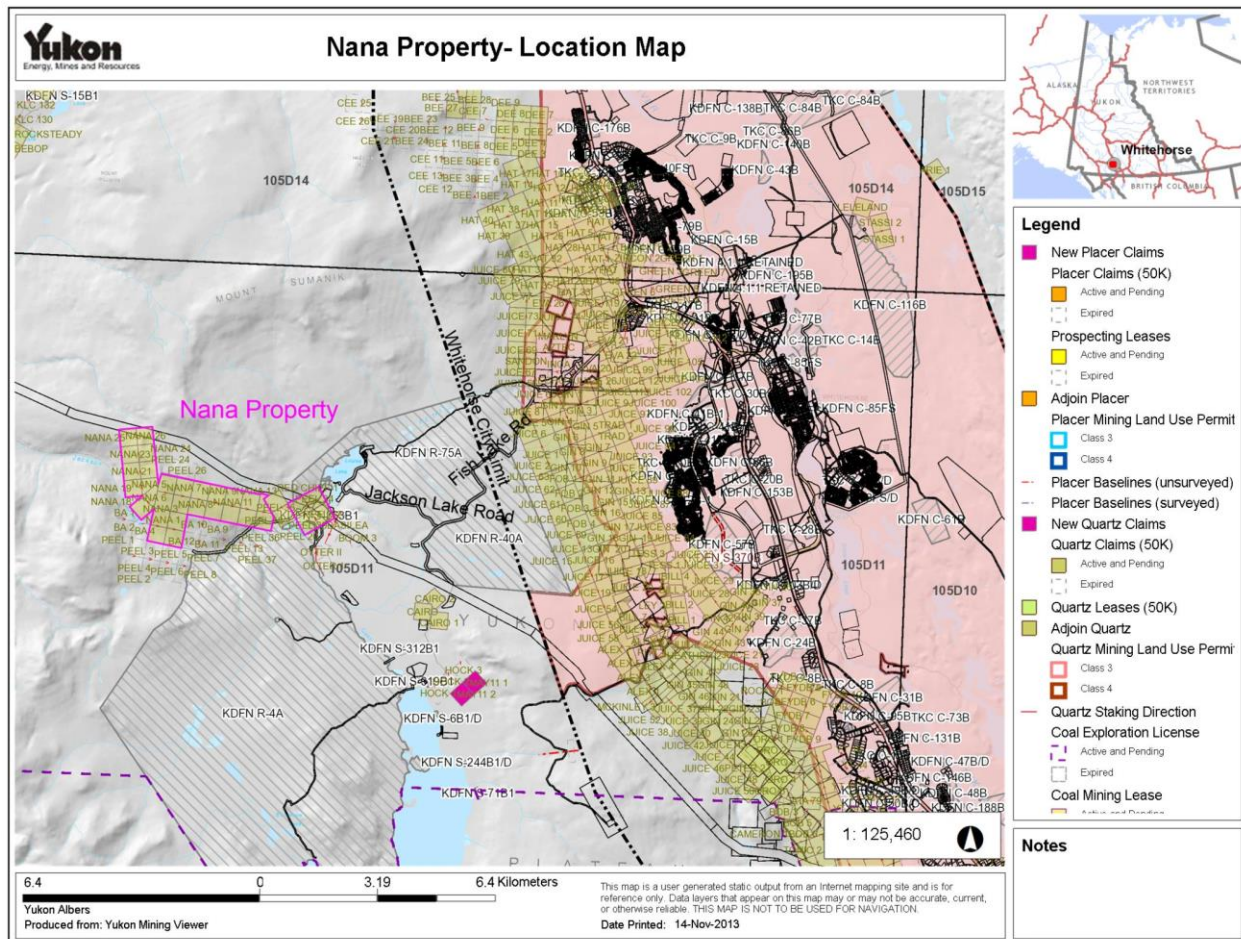


FIGURE 1 - GENERAL LOCATION MAP- NANA CLAIMS

The property is located north of the Whitehorse Copper Belt, approximately 6 km west of the western boundary of the City of Whitehorse, and approximately 6 km northwest of Fish Lake, on NTS map sheet 115D/11 (Figure 1). The claims are

located north of Jackson Creek. Access to the property is from Jackson Lake road, which branches off from the Fish Lake road. Turning left at the first main intersection (at the bottom of a long hill), this road forks again after a few 100 meters. Taking then the right hand fork crosses the creek that flows into Jackson Lake. This road eventually skirts the northern shore of Fraser Lake. The road to the property branches off from that road and climbs to higher elevations via a steep and rough road suitable for 4X4 vehicle. The center of the property lies approximately at Latitude 60° 41' N, Longitude 135° 22' W, or UTM NAD 83 ZONE 8: 480500E, 6728000N.

CLAIM DATA

The Nana property consists of 32 quartz claims distributed in 2 blocks of contiguous mineral claims registered in the Whitehorse Mining District. The claims are in 50/50 partnership between H. Coyne & Sons and Sid McKeown. The summary claim data is as follows:

Nana 1 to 4	YB54421 - 724
Nana 5 to 16	YC54395 - 406
Nana 17 to 18	YC66377 -387
Nana 19 to 26	YC66711 - 718
Peel 18 to 19	YB66841 - 842
Peel 32 to 35	YB66855 - 858

TABLE 1 SUMMARY CLAIM DATA

Pending acceptance of this filing, all the claims will be renewed till November 20th 2018 or 2019. See the detailed claim data in Appendix D. The claim map is in Appendix G.

GEOLOGY

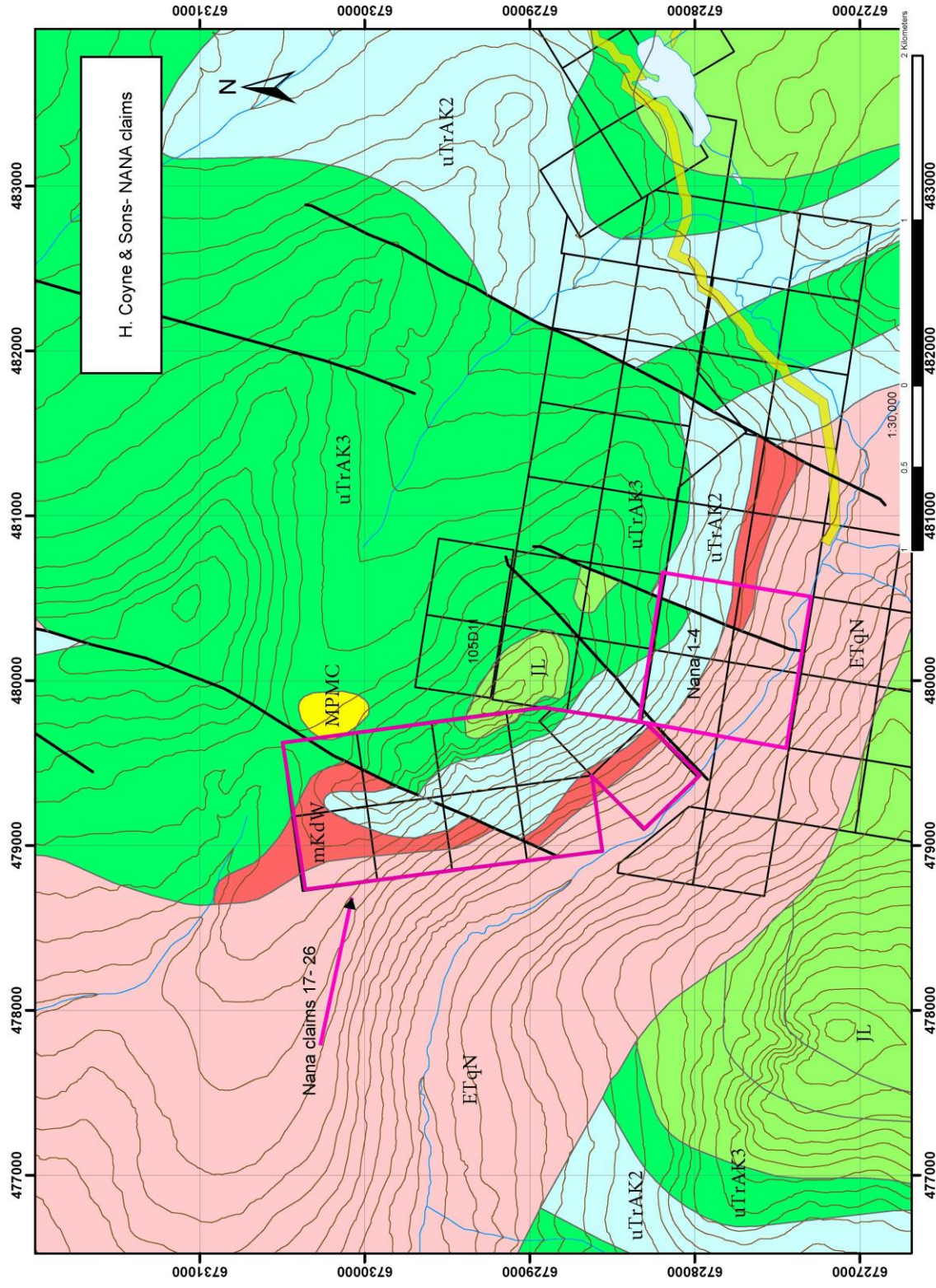
According to the regional geology map (YGS digital map), the area of interest is underlain by rocks of Stikine terrane (one of the Intermontane Terranes), interpreted to represent mid-Paleozoic to early Mesozoic magmatic arc rocks and associated sediments which were formed outboard of the western edge of the Laurentian craton (Israel et al, 2011). The oldest rocks in the area belong to the upper Triassic Lewes River Group, a sequence of arc-related volcanic, volcanoclastic and sedimentary rocks. More specifically, the property is underlain mainly by the Hancock (unit uTrAK2) and Mandanna (uTrAK3) members of the Aksala Formation (uTrAK), consisting mainly of clastic sediments and limestone (see Figure 3 for detailed lithological descriptions), interpreted to document the waning stages of the Lewes River arc.

These sediments are unconformably overlain by Jurassic clastic rocks of the Laberge Formation (unit JL), the basal unit of the Whitehorse Trough, which is interpreted to be a syn-accretionary sedimentary basin that developed during Early to Middle Jurassic convergence of the Intermontane terranes.

The sedimentary sequence is intruded by the post-accretionary mid Cretaceous calc-alkaline batholiths of the Whitehorse Suite. The Cu-Mo-Au skarns of the Whitehorse Copper Belt occur at the contact between the Cretaceous Whitehorse Batholith (granodiorite to diorite, unit mKdW) and the limey sediments of the Aksala Formation, Hancock member (uTrAK2). This same geological setting is present on the Nana Claims.

The sequence is intruded by the Tertiary Annie Ned Granite (unit ETqN) of the Nisling Range Suite.

FIGURE 2 - REGIONAL GEOLOGY-



Date: 10/31/2013 115D 11, Nad 83 zone 8

AGE	UNIT	NAME	DESCRIPTION
MIOCENE TO PLIOCENE	MPMC	MPMC: MILES CANYON	dark red to brown weathering, columnar jointed olivine basalt flows, commonly amygdaloidal and vesicular; ultramafic xenoliths (Miles Canyon Basalt)
EARLY TERTIARY	ETqN	ETN: NISLING RANGE SUITE	leucocratic, biotite granite; miarolitic alaskite; saccharoidal textured, mafic-poor biotite granite; biotite-hornblende granite to leucocratic granodiorite with sparse, white, alkali feldspar phenocrysts; biotite quartz monzonite (Nisling Range Suite, Nisling Range Alaskite, Coffee Creek Granite, Annie Ned Granite)
MID-CRETACEOUS	mKdW	mKW: WHITEHORSE SUITE	hornblende diorite, biotite-hornblende quartz diorite and mesocratic, often strongly magnetic, hypersthene-hornblende diorite, quartz diorite and gabbro (Whitehorse Suite, Coast Intrusions)
LOWER AND MIDDLE JURASSIC, HETTANGIAN TO BAJOCIAN	JL	JL: LABERGE	poorly sorted, medium bedded to massive arkosic sandstone and minor shale with interbeds and thick members of resistant heterolithic pebble and boulder conglomerate; recessive, dark brown weathering, thin bedded, dark brown to greenish, silty shale (Laberge Gp.)
UPPER TRIASSIC, CARNIAN TO NORIAN	uTrAK	uTrAK: AKSALA	mixed clastic-carbonate assemblage divisible into three dominant facies including calcareous greywacke (1), locally thick carbonate (2) and red-coloured clastics (3) (Aksala)
UPPER TRIASSIC, CARNIAN TO NORIAN	uTrAK2	uTrAK: AKSALA	massive to thick bedded limestone; minor thin bedded argillaceous to sooty limestone; coarsely crystalline, massive dolostone; minor laminated chert; massive to poorly bedded, limestone conglomerate debris flows and fanglomerate (Hancock mb. of Aksala)
UPPER TRIASSIC, CARNIAN TO NORIAN	uTrAK3	uTrAK: AKSALA	red weathering, medium bedded, green and red greywacke and pebble conglomerate; red shale partings and minor interbedded, red, bioturbated siltstone; crystal-rich greywacke and shale; coarse-grained, tan to brown, massive, lithic arenite (Mandanna mb. of Aksala)

FIGURE 3 - LEGEND REGIONAL GEOLOGY (FROM YGS WEBSITE)

PROPERTY GEOLOGY AND MINERALIZATION

Mineralized and un-mineralized skarn occurs in lenses and bands within a sequence marble, pelitic and calc-silicate hornfels at or near the contact of two intrusive bodies. The hornfelsed sedimentary sequence is intruded to the south by a granodiorite/ granite and to the north by a diorite body. The whole sequence is cut by late mafic dykes that cut the mineralization. The mineralization is hosted in skarn and is characterized by some very high copper and gold grades, locally associated with high silver and bismuth.

The mineralization is summarized in Hureau (1982): "Erratic skarn zones to 100' thick (garnet, epidote, actinolite diopside and magnetite with minor serpentine) occur at the carbonate-intrusive, carbonate-siltstone and siltstone intrusive contacts. The siltstone greywacke is locally skarnified and is locally recrystallized to dioritic texture. Copper mineralization (chalcopyrite, bornite with magnetite and pyrrhotite) distribution within the skarns is erratic with the best copper, gold and silver intersections associated with actinolite, diopside, magnetite skarn. Oxidation of the sulphide and magnetite zones extends only a few feet below surface.

Little work has been done on the large skarn zones at the west end of the property. The calc-silicate skarns there contain little copper mineralization. The occurrence of erythrite has been reported there by the owners. The contact between the west showings and the main showings is well exposed and little mineralization has been found along it."

And Keyser (1996) summarizes the drilling results:" Results of diamond drilling carried out on the Property during the period 1972-1986 (Hureau, 1986) include the identification of high grade gold-copper mineralization hosted in actinolite skarn. Assays from drill core range up to 6.6 meters grading 5.6% copper, 1 g/T gold, and 271 g/T silver (Hole KT-3). Another hole drilled 27 meters to the southeast intersected 4.6 meters grading 0.75% copper and 9.9 g/T gold, including 0.4 meters grading 87.5 g/T gold (re-assay of 133.7 g/T gold) and 5.8% bismuth (Hole KT-7). Subsequent holes drilled below and along the projected strike of the skarn horizon failed to intersect significant mineralization, except hole M1 which encountered 1.3 meters grading 6.9 g/T gold immediately above the KT-7 intercept. Most of the holes were stopped when they intersected intrusive lithologies, which drill logs frequently describe as altered and fractured."

For the most thorough overview and interpretation of work on the property to date, see assessment report 091899 by Hureau (1986) and Hureau (1982), a section of YMEIP report 86-001.

2015 WORK

DESCRIPTION OF WORK

This report compiles the results of pre-2013 geological reports available in the public domain. The goal of the compilation was to get a better grasp on the actual location of historic work and therefore provide a unified look at what has been done to date on the property.

The pdf versions of assessment and other reports were downloaded from the EMR library. A search was done but may still remain incomplete. The thoroughness and quality of the historic reports vary widely, and most of the programs were done before the use of GPS devices. The strong presence of magnetite at the showing may possibly have affected compass readings and caused some error in surveying. Location information was often displayed on claim maps that were not at a very precise scale, or with respect to claim posts of uncertain location with no topographic reference points whatsoever. The various phases of staking of claims of the same name provided additional uncertainty.

The presence of roads and trenches provided precise topographic features that were easy to survey using a hand-held GPS, and also digitize from satellite imagery available on Google Earth. Where these two sets of data overlapped, they did so very well, so some of the trails and trenches were only digitized from Google Earth imagery.

The digital historic maps were then geo-referenced in ArcMap using topographic features such as intersections of creeks and the outlet of Franklin Lake. The data displayed on the maps was then digitized where relevant. Sometimes the location was adjusted to fit the actual surveyed location of a trench or road. For example, if a feature on a map was located at the intersection of two trails, that feature would get digitized where those two trails actually intersect according to the GPS survey and/or satellite imagery.

Individual sample points were digitized and the assay data for soils and drill hole collar information was reconstructed. No attempt was made to level the data, all Cu and Au assays are listed together regardless of what analytical technique and lower detection limits were used. Where assay results were below detection limit, a value assigned to half that detection limit was assigned. All data were projected using UTM Nad 83.

The focus of this work was to locate and document drill collars and soil sampling information. The assay data from hand samples, drill core or trenches have not yet been incorporated in this compilation; this important task still needs to be done. A table found in Appendix F summarizes the relevant data in each report and how it was incorporated in this compilation.

Some of the work done on the Nana Property overlapped onto the Red Chief claims, and is documented here, but no attempt was made to research historical work done on the Red Chief claims.

SURVEYING

Two days were spent surveying the roads, trails and trenches of the property with a hand-held gps. Digitization of additional features was done from satellite imagery, after an initial comparison established that it was an accurate method of locating these features. The layer files for this survey are provided in the digital version of this report.

This information was instrumental in locating the historical information. Even though the actual drill collars are no longer visible, some drill pads can be guessed from signs of drilling, such as lumber, widening of trails, etc. The trails and trenches provided a reliable topographic feature that was referenced on many maps. Other features, such as remnants of a cabin and core shack (below), helped refine the registration of the historic map with current digital topography.



FIGURE 4 REMNANT OF OLD CORE SHACK AREA

Indeed, several of the old maps show the location of the Main Zone consistently farther east than where it is actually located.

PROSPECTING

Some geological information was collected during this survey, as well as 5 rock samples that were assayed. The assay certificate is in Appendix E. These samples were very high in iron and sulphur, twice grading greater than the upper detection limit for those elements.

K591551	480106	6728143	float	c.g. magnetite skarn in calc-silicate matrix	245 ppm Cu, > 50% Fe
K591552	479968	6728180	o/c	skarn at diorite/ marble contact, mt-py- blocky tarnished sulphides in dk green rusty rock, very dense	109 ppb Au, 583 ppm Cu, >10% S, 35.1 % Fe
K591553	480125	6728155	float	granitic texture with mafics replaced by magnetite? Endoskarn?	36.7 % Fe
K591554	480136	6728191	s/c	vuggy limonitic rx w granitic texture and magnetite, Endoskarn?	32.6 ppm Ag, 6210 ppm Cu, > 50% Fe
K591555	480157	6728304	float	coarse pyroxene skarn or diorite	1530 ppm Cu



FIGURE 5 SKARN AT MARBLE/ DIORITE CONTACT, SAMPLE K591552

Due to time constraints, the historical rock assays have not been compiled yet. High grade Cu-Au-Ag and Bi values are spotty but not uncommon. The mineralization is often associated with magnetite skarn but also with retrograde calc-silicate skarn assemblages.

SOIL GEOCHEMISTRY

Soil samples from four reports were digitized: assessment report 093546 (Keyser, 1996), 061284 (Tenney, 1974), 093936 (Clarke, 1998) and YEIP report 2006-049 (Clarke, 2007) . Results for Cu, and Au where available, are compiled in Appendices I-1 to 5.

A different symbol was assigned for each survey, chosen ranges of values are the same for each survey, but the maximum value is displayed for each one individually. Some extremely high values beg the question whether these were soils or rock samples. In particular, two samples from 2006-049 YMIP Clarke (2007) are so high grade that they may represent rock samples instead of soils: NAAC06 : 2.1g/t Au and 2.3% Cu and NASM23: > upper detection limit for Cu.

A table of compiled soil data (location data and assay results is found in Appendix B and a digital ArcMap layer file is provided in the digital version of this report.

GEOPHYSICS

Some geophysical data is referred to in a few assessment reports. Hureau, 1986, summarizes the geophysical surveys to date on the property but no maps were provided. Maps of a 1975 magnetometer survey were found in Hureau 1982, and have been georeferenced. The mag survey over the main zone is in Appendix H-20, a georeferencing glitch shows the map upside down, even though it displays properly in ArcMap. The map is left in this report for documentation purpose. Appendix H-21 show the property-scale magnetometer grid, and includes the area covered in Appendix H-20.

Only one of the maps (Remnant Magnetic Intensity) of the 2014 airborne geophysical survey results is incorporated in this compilation, in order to illustrate the outline of the survey with respect to the claim block. Please see Héon (2014) for the assessment report documenting this survey.

DRILLING

Four drilling programs are documented, see details below. Another drill program took place in 2008 but no location information can be found in the assessment report. Future research of privately-held data will hopefully provide the missing information.

1972	091127	6 drill holes (New Jersey Zinc? L series?)
1975	Ref:091899	6 drill holes (KT-1 to 6, which was abandoned)
1976	Ref:091899	4 drill holes (KT-6a to 9)
1978	091128	1 drill hole (X-3), approximate location
1983	091479	3 drill holes, M1 to 3
2000	094262	Hand-held drilling on Marie 4 claims. Drill site searched for but not found in the field.
2008	095094	No information in 2009 assessment report

The location of drill hole collars was digitized from the georeferenced maps. The resulting table is found in Appendix C and a digital ArcMap layer file is provided in the digital version of this report. The drill hole assay information has not been compiled yet.

Drill sections and long sections are found in Hureau, 1982 and 1986.

TRENCHING

The trenches that were documented in the assessment reports listed herein have been digitized and a layer file is provided in the digital version of this report. The assay results from trenching are not yet compiled.

GEOLOGY

A simplified geology map was compiled from Hureau, 1986 and show the general geological context to the Main Zone. A layer file is provided in the digital data.

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

- This report includes the results of pre-2013 geological reports available in the public domain. The goal of the compilation was to get a better grasp on the actual location of historic work and therefore provide a unified look at what has been done to date. Many questions remain to be answered. The thoroughness and quality of the historic reports vary widely, and most of the programs were done before the use of GPS devices. The strong presence of magnetite at the showing may have affected compass readings and caused some error in surveying. Location information was often displayed on claim maps that were not at a very precise scale, or with respect to claim posts of uncertain location with no topographic reference points whatsoever. The various phases of staking of claims of the same name provided additional uncertainty.
- The presence of roads and trenches provided precise topographic features that were easy to survey using a hand-held GPS, and also digitize from satellite imagery available on Google Earth. Where these two sets of data overlapped, they did so very well so some of the trails and trenches were surveyed by GPS and others were taken from the Google Earth imagery.
- The historic maps were then georeferenced using topographic. The data located on the maps was then digitized, and sometimes the location was adjusted to fit the actual location of a trench or road. For example, if a feature on a map was located at the intersection of two trails, that feature would get digitized where those two trails actually intersect according to the GPS survey and satellite imagery.
- The data from rock assays have not yet been compiled and this needs to be completed.
- The next phase should be to expand the compilation to include privately-held data in order to complete the remaining data gaps. Several drill holes, trenches and samples have been sampled but are not documented in the reports that were consulted.
- This compilation provides the necessary material to begin a comprehensive understanding of the property. After the data gaps outlined above are filled, the next step will be to begin the work of interpretation and target definition. Drill sections, to support this process, are to be found in the various reports by Hureau (1982 and 1986).
- Geological mapping along the whole length of the prospective contact is recommended. New claims could be staked to the east of the Main Zone if results are favourable.
- Since the known mineralization appears to occur at or near a favourable limestone/ quartzite contact, similar to what is found in the Whitehorse Copper Belt, an IP survey may be useful in delineating potential drill targets as this method was very successful in the Copper Belt. Hureau indicates that this contact remains untested to the east of the Main Zone.

Signed, in Whitehorse, November 19th, 2015

Danièle Héon, P. Geo.

STATEMENT OF QUALIFICATIONS

I, Danièle Héon, of:

12 Marigold Place
Whitehorse, Yukon
Y1A 6A2

do hereby declare that;

- I am an independent contracting geologist.
- I graduated with a Bachelor of Science degree from McGill University in Montréal in 1984.
- I have worked as a geologist since graduation from University and in the Yukon since 1990.
- I am a member in good standing of the Association of Professional Engineers and Geoscientists of BC (APEGBC), no. 38518.
- I have done the compilation work described herein.
- I am the author of this report.
- This report is intended to satisfy assessment requirements only.

Danièle Héon, P. Geo.

REFERENCES

- Boggaram, G., 1973, Drill logs Lunar property, holes 1 to 4, assessment report 091127.
- Clarke, J., 1997, Assessment report for the exploration work on the Nana 1-4 quartz mining claims, for Sid McKeown, assessment report 093896.
- Clarke, J., 1997, Assessment report for the exploration work on the Prospector 1-4 quartz mining claims, for Sid McKeown, assessment report 093898.
- Clarke, J., 1998, Report on the 1998 Assessment work on the Banana Property, for Brian Scott, assessment report 093936
- Clarke, J., 2007, Assessment report for the exploration work on the Nana property, for Sid McKeown, assessment report 094812.
- Doherty, R.A., 2000, Assessment report- Trenching and Reclamation Work completed on the Red Chief 2, Protector 3, Nana 1&2 and Ba 7&8 claims, assessment report 094127.
- Doherty, R.A., 2001, Assessment report- Trenching, Sampling, Road and Reclamation Work completed on the Red Chief 2, Peel 20, Ba 7, 8 & 14 and Marie 4 claims, assessment report 094262.
- Doherty, R.A., 2008, Assessment report: diamond drilling on the Nana property, assessment report 095094
- Héon, D., 2013, Assesment Report on the 2013 geochemical and geological survey of the Nana Claims.
- Héon, D., 2014, Assess,emt Report on the 2014 Airborne Geophysical Survey of the Nana Claims. Includes report by Precision GeoSurveys.
- Hureau, A., 1982, YEIP 86-001 Hudson Bay Exploration and Development Company Limited, Kreft – Tackacs Property
- Hureau, A., 1986, EIP 86-001, Diamond drilling report, Ruth 1-4 claims, for E. Kreft, assessment report 091899.
- Hureau, A., 1986, EIP 86-001, Diamond drilling report, Ruth 1-4 claims, E. Kreft,, report filed for Exploration Incentive Program, assessment report 093090.
- Keyser, H.J., 1996, Report on the 1996 Geochemical Assessment work on the Banana Property, Pacific Galleon Mining Corp., assessment report 093515.
- Keyser, H.J., 1996, Report on the 1996 Geochemical Assessment work on the Banana Property, Pacific Galleon Mining Corp., assessment report 093546.
- Kreft , E., 1979 Log of hole X3, Claim Grouse 4, assessment report 091128.
- Kreft , E., 1985, Drilling, Blasting and assaying on Lunar 1 to 8 and Gear 1,2,4 and 6 claims, assessment report 091537.
- Percival, D.W., 1983, Diamond drill logs, Lunar, Gear, Grouse and Ray claims, Whitehorse Copper Mines, assessment report 091479
- Tenney, D., 1974, Geochemical Report Parther #1 Claim Y76839, Kreft-Takacs property, Whitehorse Copper Mines, assessment report 061284

Digital data as provided by the Yukon Geological Survey and government agencies, in particular:

- Deklerk, R. (compiler), 2003. Yukon MINFILE 2003 – A database of mineral occurrences. Yukon Geological Survey. And Yukon MINFILE, 2012. Yukon MINFILE – A database of mineral occurrences. Yukon Geological Survey, http://www.geology.gov.yk.ca/databases_gis.html
- Gordey, S.P., Makepeace, A.J., (compilers), , [2003-9\(D\), Open File \(Geological - Bedrock\); Yukon Digital Geology \(version 2\)](#) Yukon Geological Survey.
- Israel, S. et al, 1991, Overview of Yukon Geology, http://www.geology.gov.yk.ca/pdf/Bedrock_Full_Overview.pdf
- Mineral Claims (Yukon Mining Recorder) <http://www.yukonminingrecorder.ca/>
- Geomatics Yukon for regional shape file data: <http://geomaticsyukon.ca/data/datasets>
- Yukon Geological Survey, 2011. YGS Mapmaker online <http://maps.gov.yk.ca/imf.jsp?site=YGS>

APPENDIX A- STATEMENT OF EXPENDITURES

Nana claims

Fieldwork and compilation work October 15 to Nov 18 2015

	<i>Expenditures (incl GST)</i>	
Danièle Héon, geologist	vehicule (2 days @\$100/day)	\$210.00
	geologist fieldwork (2 days @\$600/day)	\$1,260.00
	compilation and report (5.5 days @ \$600/day)	\$3,465.00
ALS Minerals	assays (certificate WH15166069)	\$226.22
Integraphics	printing	\$160
	Total	\$5321.22

Signed in Whitehorse,
Wednesday November 19, 2015

Danièle Héon, P.Ge

APPENDIX B- SOIL DATA

unique ID	Source	sample_id	Easting	Northing	Au_ppb	Cu_ppm
1	061284 Tenney 1974	1974-1	480079	6728315		148
2	061284 Tenney 1974	1974-2	480104	6728335		24
3	061284 Tenney 1974	1974-3	480155	6728215		140
4	061284 Tenney 1974	1974-4	480181	6728235		132
5	061284 Tenney 1974	1974-5	480204	6728254		56
6	061284 Tenney 1974	1974-6	480234	6728113		76
7	061284 Tenney 1974	1974-7	480258	6728133		120
8	061284 Tenney 1974	1974-8	480283	6728151		116
9	061284 Tenney 1974	1974-9	480311	6728012		48
10	061284 Tenney 1974	1974-10	480335	6728029		36
11	061284 Tenney 1974	1974-11	480362	6728049		72
12	061284 Tenney 1974	1974-12	480390	6727910		48
13	061284 Tenney 1974	1974-13	480416	6727929		36
14	061284 Tenney 1974	1974-14	480439	6727947		52
15	061284 Tenney 1974	1974-15	480471	6727809		36
16	061284 Tenney 1974	1974-16	480496	6727828		42
17	061284 Tenney 1974	1974-17	480520	6727845		36
18	093546 Keyser 1996	1	479908	6728258	72	37.0
19	093546 Keyser 1996	220	480149	6729190	2	37.0
20	093546 Keyser 1996	219	480248	6729148	2	35.0
21	093546 Keyser 1996	218	480320	6729114	2	27.0
22	093546 Keyser 1996	217	480379	6729083	1	39.0
23	093546 Keyser 1996	216	480445	6729059	11	41.0
24	093546 Keyser 1996	215	480493	6728991	2	28.0
25	093546 Keyser 1996	214	480560	6728949	2	25.0
26	093546 Keyser 1996	213	480170	6728781	1	20.0
27	093546 Keyser 1996	212	480259	6728757	1	26.0
28	093546 Keyser 1996	211	480348	6728732	2	72.0
29	093546 Keyser 1996	210	480422	6728697	1	33.0
30	093546 Keyser 1996	209	480495	6728653	2	36.0
31	093546 Keyser 1996	208	480573	6728621	1	19.0
32	093546 Keyser 1996	207	480678	6728590	2	25.0
33	093546 Keyser 1996	206	480768	6728603	2	25.0
34	093546 Keyser 1996	205	480848	6728614	2	20.0
35	093546 Keyser 1996	204	480938	6728593	1	30.0
36	093546 Keyser 1996	203	481016	6728551	3	26.0
37	093546 Keyser 1996	202	481111	6728527	3	26.0
38	093546 Keyser 1996	201	481194	6728477	2	35.0
39	093546 Keyser 1996	119	480671	6729193	2	98.0
40	093546 Keyser 1996	118	480778	6729167	0	0.0
41	093546 Keyser 1996	117	480875	6729138	0	0.0
42	093546 Keyser 1996	116	481003	6729116	1	64.0
43	093546 Keyser 1996	115	481103	6729083	1	43.0
44	093546 Keyser 1996	114	481186	6729059	2	72.0
45	093546 Keyser 1996	113	481284	6729032	0	0.0
46	093546 Keyser 1996	112	481386	6729003	0	0.0

unique ID	Source	sample_id	Easting	Northing	Au_ppb	Cu_ppm
47	093546 Keyser 1996	111	481467	6728986	1	59.0
48	093546 Keyser 1996	110	481543	6728959	1	34.0
49	093546 Keyser 1996	109	481627	6728922	1	95.0
50	093546 Keyser 1996	108	481700	6728852	1	71.0
51	093546 Keyser 1996	107	481758	6728760	1	27.0
52	093546 Keyser 1996	106	481815	6728690	1	25.0
53	093546 Keyser 1996	105	481881	6728631	1	72.0
54	093546 Keyser 1996	104	481950	6728584	1	32.0
55	093546 Keyser 1996	103	482056	6728513	0	0.0
56	093546 Keyser 1996	102	482175	6728509	0	0.0
57	093546 Keyser 1996	101	482295	6728487	0	0.0
58	093546 Keyser 1996	70	480891	6728800	1	40.0
59	093546 Keyser 1996	69	480815	6728823	2	53.0
60	093546 Keyser 1996	68	480741	6728867	1	17.0
61	093546 Keyser 1996	67	480686	6728891	1	22.0
62	093546 Keyser 1996	66	480629	6728925	4	30.0
63	093546 Keyser 1996	65	481410	6727267	1	23.0
64	093546 Keyser 1996	64	481293	6727282	3	34.0
65	093546 Keyser 1996	63	481177	6727304	4	35.0
66	093546 Keyser 1996	62	481087	6727329	1	29.0
67	093546 Keyser 1996	61	480947	6727380	1	19.0
68	093546 Keyser 1996	60	480675	6726899	2	23.0
69	093546 Keyser 1996	59	480465	6726947	2	18.0
70	093546 Keyser 1996	58	480335	6726996	2	1.0
71	093546 Keyser 1996	57	480228	6727059	2	1.0
72	093546 Keyser 1996	56	480130	6727122	8	2.0
73	093546 Keyser 1996	55	480016	6727158	1	1.0
74	093546 Keyser 1996	54	479926	6727188	2	1.0
75	093546 Keyser 1996	53	482269	6727233	2	2.0
76	093546 Keyser 1996	52	482161	6727209	1	1.0
77	093546 Keyser 1996	51	482067	6727190	3	2.0
78	093546 Keyser 1996	50	481955	6727168	2	4.0
79	093546 Keyser 1996	C4	480678	6727539	0	0.0
80	093546 Keyser 1996	C3	480678	6727476	0	0.0
81	093546 Keyser 1996	C1	480675	6727356	0	0.0
82	093546 Keyser 1996	B4	480311	6727698	0	0.0
83	093546 Keyser 1996	B3	480311	6727634	0	0.0
84	093546 Keyser 1996	B2	480311	6727570	0	0.0
85	093546 Keyser 1996	B1	480315	6727516	0	0.0
86	093546 Keyser 1996	A4	480035	6727825	0	0.0
87	093546 Keyser 1996	A3	480036	6727763	0	0.0
88	093546 Keyser 1996	A2	480032	6727700	0	0.0
89	093546 Keyser 1996	A1	480032	6727644	0	0.0
90	093546 Keyser 1996	40	482244	6728262	1	18.0
91	093546 Keyser 1996	39	482209	6728252	1	28.0
92	093546 Keyser 1996	38	482175	6728246	1	32.0

unique ID	Source	sample_id	Easting	Northing	Au_ppb	Cu_ppm
93	093546 Keyser 1996	37	482139	6728236	1	23.0
94	093546 Keyser 1996	36	482105	6728229	1	10.0
95	093546 Keyser 1996	35	482071	6728221	1	13.0
96	093546 Keyser 1996	34	482035	6728214	5	19.0
97	093546 Keyser 1996	33	482004	6728204	1	35.0
98	093546 Keyser 1996	32	481967	6728196	1	33.0
99	093546 Keyser 1996	31	481933	6728189	4	101.0
100	093546 Keyser 1996	30	481899	6728179	1	19.0
101	093546 Keyser 1996	29	481863	6728172	2	18.0
102	093546 Keyser 1996	28	481829	6728164	53	43.0
103	093546 Keyser 1996	27	481792	6728155	1	163.0
104	093546 Keyser 1996	26	481756	6728146	1	39.0
105	093546 Keyser 1996	25	481724	6728137	1	32.0
106	093546 Keyser 1996	24	481690	6728129	1	14.0
107	093546 Keyser 1996	23	481656	6728122	1	21.0
108	093546 Keyser 1996	22	481618	6728114	1	16.0
109	093546 Keyser 1996	21	481586	6728105	2	18.0
110	093546 Keyser 1996	20	480115	6728144	10	66.0
111	093546 Keyser 1996	19	480101	6728148	3	26.0
112	093546 Keyser 1996	18	480082	6728156	10	28.0
113	093546 Keyser 1996	17	480066	6728162	3	67.0
114	093546 Keyser 1996	16	480054	6728167	2	85.0
115	093546 Keyser 1996	15	479937	6728180	4	815.0
116	093546 Keyser 1996	14	479955	6728174	2	203.0
117	093546 Keyser 1996	13	479968	6728173	13	437.0
118	093546 Keyser 1996	12	479986	6728173	1	93.0
119	093546 Keyser 1996	11	479999	6728172	11	46.0
120	093546 Keyser 1996	10	480038	6728171	9	34.0
121	093546 Keyser 1996	9	480016	6728172	11	46.0
122	093546 Keyser 1996	8	480008	6728174	9	46.0
123	093546 Keyser 1996	7	479998	6728186	7	91.0
124	093546 Keyser 1996	6	479985	6728201	29	1243.0
125	093546 Keyser 1996	5	479968	6728212	64	4871.0
126	093546 Keyser 1996	4	479956	6728223	34	219.0
127	093546 Keyser 1996	3	479939	6728234	33	69.0
128	093546 Keyser 1996	2	479921	6728252	8	45.0
129	093936 Clarke 1998	JKS-98-25	483074	6728125	0.25	10
130	093936 Clarke 1998	JKS-98-24	483007	6728135	0.25	10
131	093936 Clarke 1998	JKS-98-23	482899	6728160	0.25	11
132	093936 Clarke 1998	JKS-98-22	482827	6728171	0.25	9
133	093936 Clarke 1998	JKS-98-21	482752	6728183	5.00	29
134	093936 Clarke 1998	JKS-98-20	482686	6728190	10.00	8
135	093936 Clarke 1998	JKS-98-19	482629	6728201	0.25	10
136	093936 Clarke 1998	JKS-98-18	482565	6728212	0.25	8
137	093936 Clarke 1998	JKS-98-17	482478	6728224	0.25	24
138	093936 Clarke 1998	JKS-98-16	482381	6728243	0.25	68

unique ID	Source	sample_id	Easting	Northing	Au_ppb	Cu_ppm
139	093936 Clarke 1998	JKS-98-15	482306	6728253	0.25	17
140	093936 Clarke 1998	JKS-98-8	481326	6727950	0.25	27
141	093936 Clarke 1998	JKS-98-7	481237	6727967	0.25	25
142	093936 Clarke 1998	JKS-98-6	481149	6727978	0.25	23
143	093936 Clarke 1998	JKS-98-5	481023	6728005	0.25	38
144	093936 Clarke 1998	JKS-98-4	480878	6728028	0.25	22
145	093936 Clarke 1998	JKS-98-3	480758	6728044	0.25	24
146	093936 Clarke 1998	JKS-98-2	480618	6728067	0.25	27
147	093936 Clarke 1998	JKS-98-1B	480510	6728091	0.25	27
148	093936 Clarke 1998	JKS-98-1A	480419	6728090	25.00	1300
149	2006-049 ymip Clarke	NAAC01	479774	6728513	2.8	29.8
150	2006-049 ymip Clarke	NAAC02	479760	6728474	9.5	85
151	2006-049 ymip Clarke	NAAC03	479729	6728428	0.6	31.8
152	2006-049 ymip Clarke	NAAC04	479781	6728333	3.3	84.8
153	2006-049 ymip Clarke	NAAC05	479778	6728270	0.7	20.9
154	2006-049 ymip Clarke	NAAC06	479776	6728219	2112.1	23340
155	2006-049 ymip Clarke	NAAC07	479782	6728126	1.6	72.7
156	2006-049 ymip Clarke	NAAC077	479824	6728091	2.6	11.4
157	2006-049 ymip Clarke	NAAC08	479913	6728053	0.7	78.4
158	2006-049 ymip Clarke	NAAC09	479951	6728016	0.25	13.4
159	2006-049 ymip Clarke	NAAC10	479965	6728085	0.25	37.2
160	2006-049 ymip Clarke	NAAC11	479964	6728131	0.25	33.4
161	2006-049 ymip Clarke	NAAC12	479955	6728183	5.1	33.6
162	2006-049 ymip Clarke	NAAC13	479960	6728277	3.2	46.1
163	2006-049 ymip Clarke	NAAC14	479954	6728333	0.25	38.4
164	2006-049 ymip Clarke	NAAC15	479955	6728388	1.4	43.3
165	2006-049 ymip Clarke	NAAC16	479952	6728434	2.3	37.9
166	2006-049 ymip Clarke	NAAC17	480203	6728431	1.3	46
167	2006-049 ymip Clarke	NAAC18	480199	6728375	5.4	23.3
168	2006-049 ymip Clarke	NAAC19	480199	6728336	0.9	82.3
169	2006-049 ymip Clarke	NAAC20	480192	6728280	1.1	33.7
170	2006-049 ymip Clarke	NAAC21	480197	6728231	2.9	36
171	2006-049 ymip Clarke	NAAC22	480202	6728169	3	21.4
172	2006-049 ymip Clarke	NAAC23	480201	6728351	0.25	20.2
173	2006-049 ymip Clarke	NAAC24	480203	6728075	0.8	14.2
174	2006-049 ymip Clarke	NAAC25	480201	6728040	0.25	34.3
175	2006-049 ymip Clarke	NAAC26	480269	6728025	60.2	35.4
176	2006-049 ymip Clarke	NAAC27	480253	6728078	2.1	24.5
177	2006-049 ymip Clarke	NAAC28	480266	6728123	1.1	18.6
178	2006-049 ymip Clarke	NAAC29	480252	6728181	1.7	28.8
179	2006-049 ymip Clarke	NAAC30	480255	6728227	1.1	25.4
180	2006-049 ymip Clarke	NAAC31	480249	6728287	3	238.4
181	2006-049 ymip Clarke	NAAC32	480247	6728331	1.6	38.7
182	2006-049 ymip Clarke	NAAC33	480249	6728373	0.8	24.6
183	2006-049 ymip Clarke	NAAC34	480246	6728439	0.6	72.8
184	2006-049 ymip Clarke	NAAC35	482505	6728518	3.3	27.6

unique ID	Source	sample_id	Easting	Northing	Au_ppb	Cu_ppm
185	2006-049 ymip Clarke	NAAC36	482398	6728515	1.6	17.6
186	2006-049 ymip Clarke	NAAC37	482346	6728518	5.3	13.6
187	2006-049 ymip Clarke	NAAC38	482301	6728516	1.7	13.2
188	2006-049 ymip Clarke	NAAC39	482249	6728517	1.9	13.2
189	2006-049 ymip Clarke	NAAC41	482151	6728518	0.9	10.1
190	2006-049 ymip Clarke	NAAC42	482098	6728511	0.9	14.2
191	2006-049 ymip Clarke	NAAC43	482105	6728419	0.25	22.1
192	2006-049 ymip Clarke	NAAC44	482150	6728409	0.8	15.2
193	2006-049 ymip Clarke	NAAC45	482210	6728412	1.1	17.8
194	2006-049 ymip Clarke	NAAC46	482274	6728405	1	15.4
195	2006-049 ymip Clarke	NAAC47	482304	6728415	1.3	15.3
196	2006-049 ymip Clarke	NAAC48	482399	6728404	2.3	27.2
197	2006-049 ymip Clarke	NAAC49	482459	6728414	20.5	13.3
198	2006-049 ymip Clarke	NAAC51	483068	6728225	3.8	14.7
199	2006-049 ymip Clarke	NAAC52	483080	6728273	0.6	24
200	2006-049 ymip Clarke	NAAC53	483092	6728318	1.3	11.3
201	2006-049 ymip Clarke	NAAC54	483115	6728368	0.5	11.2
202	2006-049 ymip Clarke	NAAC55	483119	6728425	2	18
203	2006-049 ymip Clarke	NAAC56	483140	6728465	0.25	15.6
204	2006-049 ymip Clarke	NAAC57	483149	6728521	0.5	14.3
205	2006-049 ymip Clarke	NAAC58	483161	6728570	1.2	10.7
206	2006-049 ymip Clarke	NAAC59	483188	6728604	0.5	9.3
207	2006-049 ymip Clarke	NAAC60	483241	6728569	1	13.2
208	2006-049 ymip Clarke	NAAC61	483226	6728525	0.25	13.8
209	2006-049 ymip Clarke	NAAC62	483185	6728491	0.7	50.7
210	2006-049 ymip Clarke	NAAC63	483194	6728436	0.25	12.4
211	2006-049 ymip Clarke	NAAC64	483200	6728369	0.25	11.1
212	2006-049 ymip Clarke	NAAC65	483227	6728317	0.25	9.7
213	2006-049 ymip Clarke	NAIF-27	479690	6728578	3.1	30.3
214	2006-049 ymip Clarke	NAIF-28	479689	6728529	2.3	48.3
215	2006-049 ymip Clarke	NAIF-29	479689	6728477	3.9	47.2
216	2006-049 ymip Clarke	NAIF-30	479691	6728428	2.6	46.5
217	2006-049 ymip Clarke	NAIF-31	479691	6728379	0.9	24.5
218	2006-049 ymip Clarke	NAIF-32	479691	6728330	0.8	18.8
219	2006-049 ymip Clarke	NAIF-33	479688	6728278	2.5	171.5
220	2006-049 ymip Clarke	NAIF-34	479690	6728229	1.3	57.8
221	2006-049 ymip Clarke	NAIF-35	479691	6728177	0.5	18.2
222	2006-049 ymip Clarke	NAIF-36	479733	6728155	0.5	45.3
223	2006-049 ymip Clarke	NAIF-37	479734	6728205	0.7	34.3
224	2006-049 ymip Clarke	NAIF-38	479738	6728249	0.6	21.6
225	2006-049 ymip Clarke	NAIF-39	479743	6728304	4.2	69.1
226	2006-049 ymip Clarke	NAIF-40	479739	6728354	2.8	30.1
227	2006-049 ymip Clarke	NAIF-41	479742	6728406	0.25	28.3
228	2006-049 ymip Clarke	NAIF-42	479740	6728453	22.5	144.4
229	2006-049 ymip Clarke	NAIF-43	479737	6728552	25.9	49.4
230	2006-049 ymip Clarke	NAIF-44	480094	6728670	8.4	149.4

unique ID	Source	sample_id	Easting	Northing	Au_ppb	Cu_ppm
231	2006-049 ymip Clarke	NAIF-45	480942	6728534	121	412
232	2006-049 ymip Clarke	NAIF-46	481026	6728554	18	282.2
233	2006-049 ymip Clarke	NAIF-47	481217	6728506	2.3	51.6
234	2006-049 ymip Clarke	NAIF-48	481667	6728447	2.7	180.2
235	2006-049 ymip Clarke	NAIF-49	482502	6728319	0.25	11.6
236	2006-049 ymip Clarke	NAIF-50	482453	6728319	0.9	14.8
237	2006-049 ymip Clarke	NAIF-51	482403	6728317	1	12
238	2006-049 ymip Clarke	NAIF-52	482352	6728321	132.4	28.3
239	2006-049 ymip Clarke	NAIF-53	482301	6728319	0.7	20.6
240	2006-049 ymip Clarke	NAIF-54	482253	6728319	1	19.5
241	2006-049 ymip Clarke	NAIF-55	482201	6728317	3	17.2
242	2006-049 ymip Clarke	NAIF-56	482153	6728318	4	47.5
243	2006-049 ymip Clarke	NAIF-57	482104	6728320	1.1	27
244	2006-049 ymip Clarke	NAPL05	480001	6728225	3.8	29.1
245	2006-049 ymip Clarke	NAPL07	480000	6728128	0.5	20
246	2006-049 ymip Clarke	NAPL08	480000	6728078	19.7	20.1
247	2006-049 ymip Clarke	NAPL09	479997	6728026	1.3	29
248	2006-049 ymip Clarke	NAPL10	480053	6728027	1.6	78.3
249	2006-049 ymip Clarke	NAPL11	480071	6728077	1.3	38.6
250	2006-049 ymip Clarke	NAPL12	480050	6728028	2.4	41.9
251	2006-049 ymip Clarke	NAPL13	480051	6728177	1.1	23.5
252	2006-049 ymip Clarke	NAPL14	480052	6728227	0.25	29.6
253	2006-049 ymip Clarke	NAPL17	480053	6728427	3.6	61.5
254	2006-049 ymip Clarke	NAPM01	480002	6728428	2.7	72.7
255	2006-049 ymip Clarke	NAPM02	479998	6728373	0.7	31.6
256	2006-049 ymip Clarke	NAPM03	479998	6728324	3.8	23.1
257	2006-049 ymip Clarke	NAPM04	480000	6728276	0.5	23.6
258	2006-049 ymip Clarke	NASM01	479867	6728476	0.7	20.8
259	2006-049 ymip Clarke	NASM02	479854	6728420	1.9	53.7
260	2006-049 ymip Clarke	NASM03	479846	6728377	0.25	41
261	2006-049 ymip Clarke	NASM04	479841	6728323	5.8	63.7
262	2006-049 ymip Clarke	NASM05	479841	6728266	1.6	39.4
263	2006-049 ymip Clarke	NASM06	479840	6728225	2.7	34.5
264	2006-049 ymip Clarke	NASM07	479825	6728181	1.2	47.2
265	2006-049 ymip Clarke	NASM08	479888	6728120	1.2	25.3
266	2006-049 ymip Clarke	NASM10	479934	6728104	0.25	19.1
267	2006-049 ymip Clarke	NASM11	479942	6728160	1.9	48.3
268	2006-049 ymip Clarke	NASM12	479968	6728209	8	20.5
269	2006-049 ymip Clarke	NASM13	479917	6728249	10.8	85.7
270	2006-049 ymip Clarke	NASM14	479922	6728307	1.3	17.3
271	2006-049 ymip Clarke	NASM15	479909	6728356	1.5	33
272	2006-049 ymip Clarke	NASM16	479916	6728390	1.5	62.4
273	2006-049 ymip Clarke	NASM17	479916	6728414	9.7	39.9
274	2006-049 ymip Clarke	NASM18	480106	6728432	3.7	131.1
275	2006-049 ymip Clarke	NASM19	480102	6728378	6.1	58.1
276	2006-049 ymip Clarke	NASM20	480108	6728330	2.6	21.2

unique ID	Source	sample_id	Easting	Northing	Au_ppb	Cu_ppm
277	2006-049 ymip Clarke	NASM21	480117	6728270	4.4	23.6
278	2006-049 ymip Clarke	NASM22	480112	6728233	5.3	20.3
279	2006-049 ymip Clarke	NASM23	480097	6728067	33.2	15000
280	2006-049 ymip Clarke	NASM25	480172	6728067	3.2	26.8
281	2006-049 ymip Clarke	NASM26	480150	6728024	3.1	27.9
282	2006-049 ymip Clarke	NASM27	480185	6728124	1.2	25.8
283	2006-049 ymip Clarke	NASM28	480172	6728147	15	54.1
284	2006-049 ymip Clarke	NASM29	480160	6728171	1.4	68.3
285	2006-049 ymip Clarke	NASM30	480162	6728225	4.1	39.4
286	2006-049 ymip Clarke	NASM31	480158	6728289	2.3	38.5
287	2006-049 ymip Clarke	NASM32	480151	6728333	3.1	52
288	2006-049 ymip Clarke	NASM33	480149	6728398	4.2	50.9
289	2006-049 ymip Clarke	NASM34	482097	6728115	1.7	14
290	2006-049 ymip Clarke	NASM35	482180	6728108	13.3	154.3
291	2006-049 ymip Clarke	NASM36	482200	6728149	1.3	9.9
292	2006-049 ymip Clarke	NASM37	482285	6728176	2.5	16.1
293	2006-049 ymip Clarke	NASM38	482290	6728235	86.9	21.6
294	2006-049 ymip Clarke	NASM39	482345	6728226	3.7	12.9
295	2006-049 ymip Clarke	NASM40	482404	6728218	2	10.4
296	2006-049 ymip Clarke	NASM41	482448	6728216	3.2	11.3
297	2006-049 ymip Clarke	NASM42	482514	6728215	3.1	18
298	2006-049 ymip Clarke	NASM43	482502	6728117	2.9	28.6
299	2006-049 ymip Clarke	NASM44	482450	6728113	0.5	17.2
300	2006-049 ymip Clarke	NASM45	482403	6728104	1.8	28.7
301	2006-049 ymip Clarke	NASM46	482355	6728101	2.7	13.5

APPENDIX C- DRILL HOLE DATA

Source	Year	Name	UTM_E	UTM_N
091899 Hureau	1972	L6	480082	6728210
091899 Hureau	1972	L5	480124	6728204
091899 Hureau	1972	L3	479844	6728272
091899 Hureau	1972	L4	479874	6728261
091899 Hureau	1972	L2	479844	6728271
091899 Hureau	1972	L1	479819	6728288
091899 Hureau	1976	KT-9	480004	6728331
091899 Hureau	1976	KT-8	480006	6728334
091899 Hureau	1976	KT-7	479956	6728229
091899 Hureau	1975	KT-6	479907	6728250
091899 Hureau	1975	KT-4	479935	6728238
091899 Hureau	1975	KT-3	479937	6728240
091899 Hureau	1975	KT-2	480080	6728151
091899 Hureau	1975	KT-1	480102	6728171
091899 Hureau	1983	M3	479967	6728171
091899 Hureau	1983	M2	479911	6728197
091899 Hureau	1983	M1	479908	6728193
091899 Hureau	1986	K86-04	479830	6728358
091899 Hureau	1986	K86-03	480052	6728216
091899 Hureau	1986	K86-01	479933	6728174
091899 Hureau	1986	K86-02	479951	6728231
091128 Kreft	1978	X3	480743	6727875
095094 Doherty	2001	M-4	479721	6728142

APPENDIX D- CLAIM DATA

District	Grant Number	Claim Name	Claim Number	Owner	Claim Expiry Date	Claim renewed till	claim-years	\$5/year
Whitehorse	YB57721	NANA	1	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2016	20/11/2019	3	\$15
Whitehorse	YB57722	NANA	2	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2016	20/11/2019	3	\$15
Whitehorse	YB57723	NANA	3	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2016	20/11/2019	3	\$15
Whitehorse	YB57724	NANA	4	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2016	20/11/2019	3	\$15
Whitehorse	YC54395	NANA	5	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2016	20/11/2019	3	\$15
Whitehorse	YC54396	NANA	6	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2016	20/11/2019	3	\$15
Whitehorse	YC54397	NANA	7	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2016	20/11/2018	2	\$10
Whitehorse	YC54398	NANA	8	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2016	20/11/2019	3	\$15
Whitehorse	YC54399	NANA	9	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2016	20/11/2018	2	\$10
Whitehorse	YC54400	NANA	10	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2016	20/11/2019	3	\$15
Whitehorse	YC54401	NANA	11	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2016	20/11/2018	2	\$10
Whitehorse	YC54402	NANA	12	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2016	20/11/2019	3	\$15
Whitehorse	YC54403	NANA	13	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2015	20/11/2018	3	\$15
Whitehorse	YC54404	NANA	14	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2016	20/11/2019	3	\$15
Whitehorse	YC54405	NANA	15	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2015	20/11/2019	4	\$20
Whitehorse	YC54406	NANA	16	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2015	20/11/2019	4	\$20
Whitehorse	YC66377	NANA	17	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2016	20/11/2019	3	\$15
Whitehorse	YC66378	NANA	18	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2016	20/11/2019	3	\$15
Whitehorse	YC66711	NANA	19	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2015	20/11/2019	4	\$20
Whitehorse	YC66712	NANA	20	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2016	20/11/2019	3	\$15
Whitehorse	YC66713	NANA	21	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2015	20/11/2019	4	\$20
Whitehorse	YC66714	NANA	22	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2015	20/11/2019	4	\$20
Whitehorse	YC66715	NANA	23	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2015	20/11/2019	4	\$20
Whitehorse	YC66716	NANA	24	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2015	20/11/2019	4	\$20
Whitehorse	YC66717	NANA	25	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2015	20/11/2019	4	\$20
Whitehorse	YC66718	NANA	26	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2015	20/11/2019	4	\$20
Whitehorse	YB66841	PEEL	18	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2015	20/11/2019	4	\$20
Whitehorse	YB66842	PEEL	19	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2015	20/11/2019	4	\$20
Whitehorse	YB66855	PEEL	32	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2015	20/11/2018	3	\$15
Whitehorse	YB66856	PEEL	33	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2015	20/11/2018	3	\$15
Whitehorse	YB66857	PEEL	34	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2015	20/11/2018	3	\$15

District	Grant Number	Claim Name	Claim Number	Owner	Claim Expiry Date	Claim renewed till	claim-years	\$5/year
Whitehorse	YB66858	PEEL	35	Sid McKeown - 50%, H. Coyne & Sons Ltd. - 50%	20/11/2015	20/11/2018	3	\$15
Whitehorse	YB57725	RED CHIEF	1	Sid McKeown - 100%	20/11/2016	20/11/2017	1	\$5
Whitehorse	YB57726	RED CHIEF	2	Sid McKeown - 100%	20/11/2016	20/11/2017	1	\$5
						total:	106	\$530

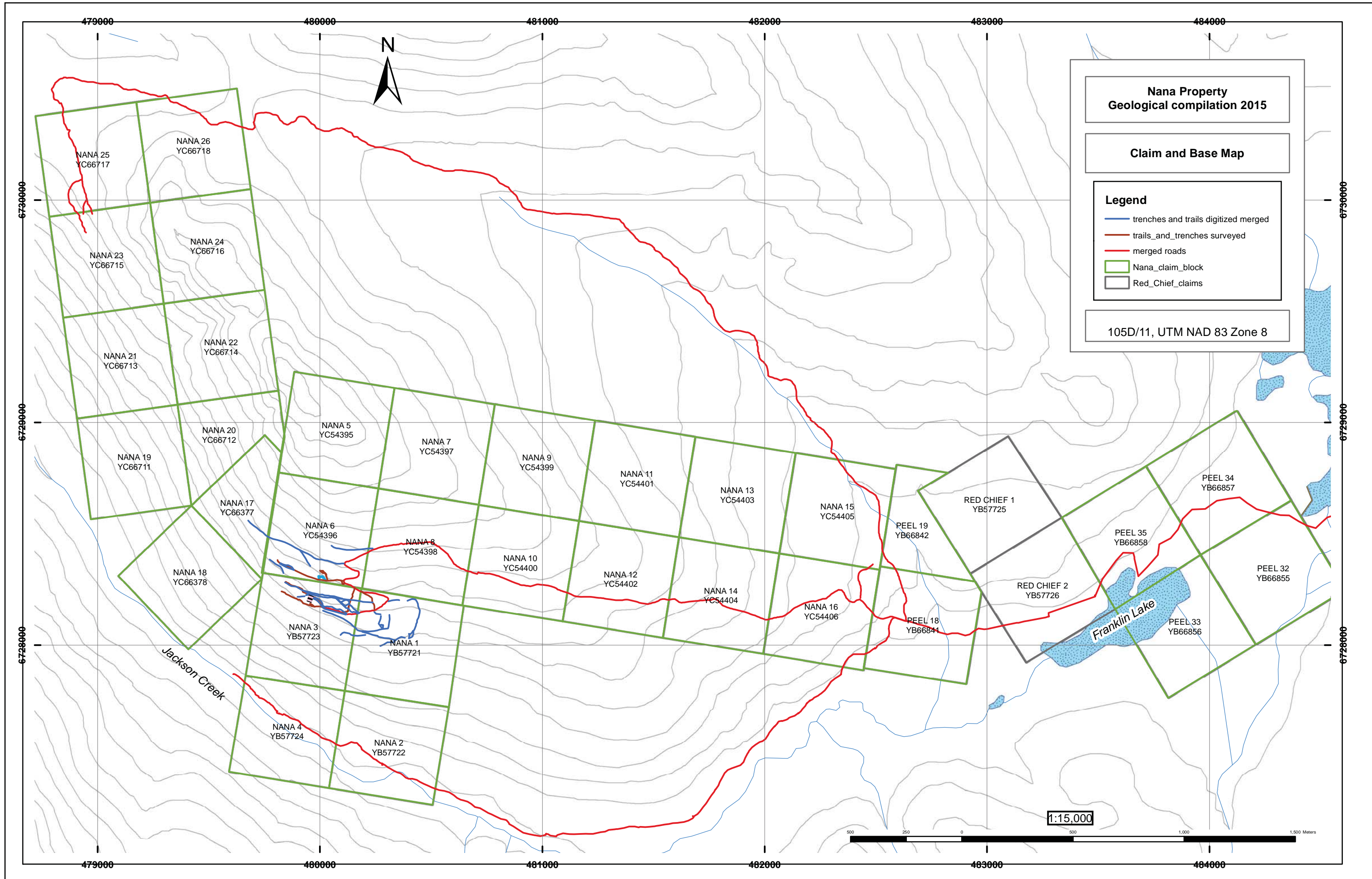
See data folder for secured assay certificates

APPENDIX F-SUMMARY OF ASSESSMENT WORK

Assessment report no	year report	year work	Author	Work done	claims worked	significant results	work done this compilation
091127		1972		New Jersey Zinc: 6 ddh total 1459', assuming shallow northerly dip (Hureau, 1982)	Lunar property, Grouse, Roy	no sig res. From logs, magnetite skarn (high Fe%)	only drill logs in assessment reports. Drill collar location digitized from Hureau, 1986. Assume L2 and 3 share same collar location
061284	1974	1974	Tenney	228 soil samples, only location provided was for 17 samples on main zone	various	5 soils samples > 100 oppm Cu in Main Zone area	digitize soil data from Main Zone, assign generic sample number.
		1974-75		Whitehorse Copper Mines: geological mapping, mag surveys, trenching of one mag anomaly, 6 ddh totalling 1401' (KT-1 to 6). (Hureau, 1982)		All holes except KT 5 (drilled 700' east of the most drilled showings) and KT 6 (not completed) intersected generally low grade copper mineralization skarn in the order of 40 to 80' thick while hole KT 3 on sect 8E intersected 20.1' at 5.6% Cu, 7.9 oz/ton Ag and 0.03 oz/ton Au. Hole KT 4, drilled to intersect the high grade mineralization 100' down dip, intersected 60' of magnetite skarn with low copper and gold values.	drill hole collars digitized from Hureau, 1986
		1976		Whitehorse Copper Mines: 4 ddh totalling 1550' (KT6A, 7, .		KT-6A and KT-7 tested along strike of KT-3 horizon	drill hole collars digitized from Hureau, 1986.
				from Hureau, 1982 and 1986		KT6A, 100' w of KT-3, intersected 28' of weakly mineralized skarn.	Assign KT-5 to unlabelled drill hole on 1986 map.
						KT-7, 100' E of KT-3, intersected high Au-Bi in actinolite skarn:	collar location adjusted to fit surveyed trenches and trails
				option dropped		1.3' (@ 2.55 oz/ton Au and 5.8% Bi (re assay 3.90 oz/ton Au) or 15' @ 0.29 oz/ton Au. The high grade zone like that in KT3 was at a vertical depth of 110' and was 180' horizontally from the hill slope below the showings.	
091128	1978	1978	Kreft	drill hole X-3	Grouse 4	magnetite skarn	collar plotted in center of Grouse 4, located from 1974 Tenney claim map. Location result looks highly unlikely.
		1981		Zelon, soil sampling on north side of mountain, 4 wd road to west end of claims, dropped. (Hureau, 1982)		no assessment report	
	1982		Hureau	Hudson Bay Expl & Dev, Summary report		Most thorough report to date, recommends zones of potential. Includes drill sections and long section, mag maps	mag suvey map main zone georeferenced but displays upside down. Mag survey property scale georeferenced.
091479	1983		Percival/ Nichiporick	drilled 3 Winkie holes for 285'. M1,2 and 3.	Lunar, Gear, Grouse, Roy, Aspen	hole M1 intersected 3' @ 0.356 opt Au, 40' above intersection in kt-7.	collars digitized, location adjusted to fit surveyed trenches
091537	1984	1984	Kreft	Picketed grid, mag survey, 5 trenches		magnetite and calc-silicate skarn, no assays provided	poorly georeferenced, approximate general location for trenched area digitized
093090	1986	1986	Hureau	by owner, 4 ddh total 1494', explore down dip and to the e	Ruth 1-4	4 ddh extended the skarn zone but low grade Au. K 86-01, 02, 03 drilled below and east of KT-7 and M1 encountered only low gold values in the skarn	maps georef'd, collars K86-1,2,3, 4 digitized

Assessment report no	year report	year work	Author	Work done	claims worked	significant results	work done this compilation
091899						K86-03: 160' wide skarn zone shows continuity of skarn horizon and favourable contact.	
86-001				ymip report		K86-04: test small mag anomaly, small non-magnetic skarn zone	
						trenching east of KT-7	2 trenches digitized
						trenching 500' nw of K86-04: .04 optAu and 14 oz Ag	
						prospective contact remains favourable and untested to the east. Recommend ground mag and soil sampling	
093546	1996	1996	Keyser	soils survey		interpreted low-order Au-Cu soil anomaly 1.5 km east of main zone.	soil data digitized.
093515				19 rocks and 114 soils			Some sample sites on map have no corresponding assays.
093936	1998	1998	Clarke	34 rocks		JKR -98-7,8,8A returned 1296,564 and 1343 ppb Au respectively.	
				25 soil samples		no significant soil results	soils georeferenced and digitized
						Hureau compilation map tied in to claim posts	georeferenced
094127	2000	1999	Doherty	deepening and extension of existing trench	Protector 3	no bedrock, no assays	
				trench reclamation	Red Chief 2		
				soil sampling	Nana 1,2 and Ba 7,8	not assayed	soil sample location not plotted since no data
094262	2001	2000	Doherty	Four core samples from old DDH KT-8 and KT-9 assayed	BA 7-8	[192.4 ppm Ag, 6.4% Cu, 347 ppm Bi], [40.14g/t Au, 2244ppm Mo, 38591 ppm Bi]	
				two samples assayed from old trench	BA 8		
				three samples assayed from old trench	BA 7-8		
				road repair and cleaning up old trench, 6 trench samples assayed	BA 14	[1.36g/t Au, 7.8% Cu, 292.2 ppm Ag], [12.1 g/t Au, 1.1% Cu, 0.25% Pb, 75962 ppm As, 6611 ppm Sb], and [16.8 g/t Au, 0.7% Cu, 0.5% Pb, 218 ppm Ag, 51796 ppm As, 4297 ppm Sb], [0.66g/t Au, 6.3% Cu], [1.6g/t Au, 5.3% Cu, 238.8 ppm Ag]	trench plotted on trench map
				backfilling and contouring old trenches, excavation	Red Chief 2		
				Punjar hand held drill holes. One sample mt-py-cp submitted.	Marie 4	1.93g/t Au, 7.9% Cu, 286 ppm Ag	drill hole plotted, 2015 traverse attempted to find pad but unsuccessful
				road work and reclamation.	Peel 20		
094812	2007	2006	Clarke	soil sampling. Info taken from ymip report 2006-049 since no assays and no location data in assess report 094812			soil data georeferenced and data digitized from Ymip report
095094	2009	2008	Doherty	3 diamond drill holes totalling 384.05m	who knows	no location data, no assays	no information to locate ddh collars
							no assays

APPENDIX G-CLAIM MAP



**Nana Property
Geological compilation 2015**

Claim and Base Map

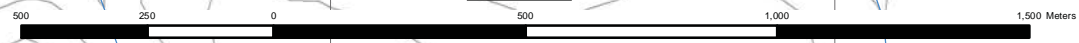
- Legend**
- trenches and trails digitized merged
 - trails_and_trenches surveyed
 - merged roads
 - Nana_claim_block
 - Red_Chief_claims

105D/11, UTM NAD 83 Zone 8

Jackson Creek

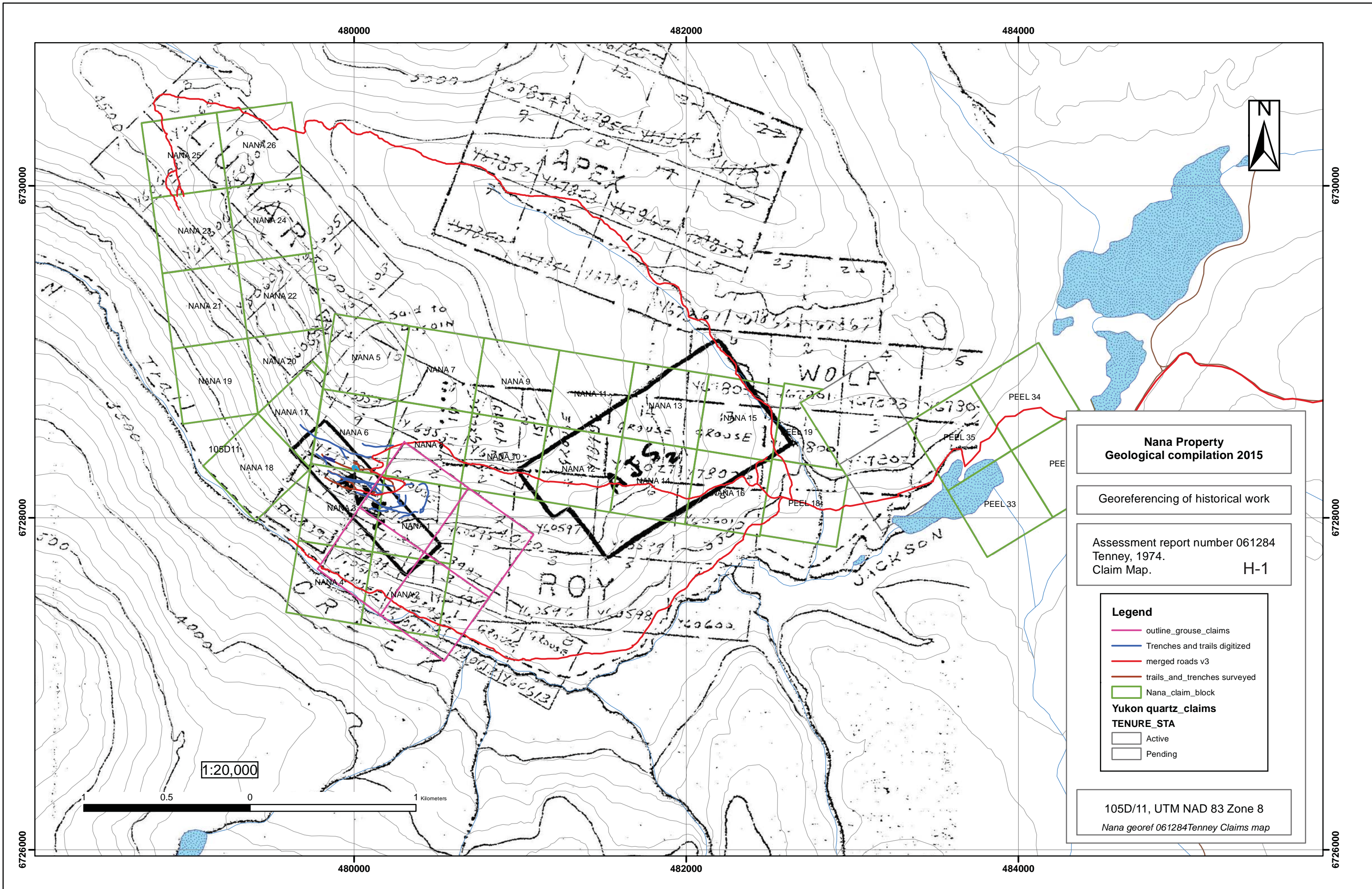
Franklin Lake

1:15,000



APPENDIX H-GEOREFERENCED HISTORICAL MAPS

- H-1 061284 1974 Tenney Claim Map
- H-2 061284 1974 Tenney Cu Geochem Map
- H-3 091899 1986 Hureau Claim Map
- H-4 091899 1986 Hureau Compilation
- H-5 093546 1996 Keyser Claim Map
- H-6 093546 1996 Keyser Soil Geochem
- H-7 093546 1996 Keyser Main Zone Compilation
- H-8 093896 Clarke Claim map Nana 1 to 4
- H-9 093896 Clarke Geology & work Nana 1 to 4
- H-10 093896 Clarke Trench Map Nana 1 to 4
- H-11 093898 Clarke Claim Map Protector
- H-12 093898 Clarke Geology Protector
- H-13 093898 Clarke Trench Map Protector
- H-14 093936 1998 Clarke Compilation
- H-15 093936 1998 Clarke Claims and work done – West
- H-16 093936 1998 Clarke Claims and work done - East
- H-17 094127 2000 Doherty Claims and Work Done
- H-18 094262 2001 Doherty Claims and Work Done
- H-19 2007 YMIP 2006- 049 Clarke Claims and Grid Location
- H-20 Hureau 86-001 1982 Mag Main Zone
- H-21 Hureau 86-001 1982 Mag Property Scale



**Nana Property
Geological compilation 2015**

Georeferencing of historical work

Assessment report number 061284
Tenney, 1974.
Claim Map. H-1

Legend

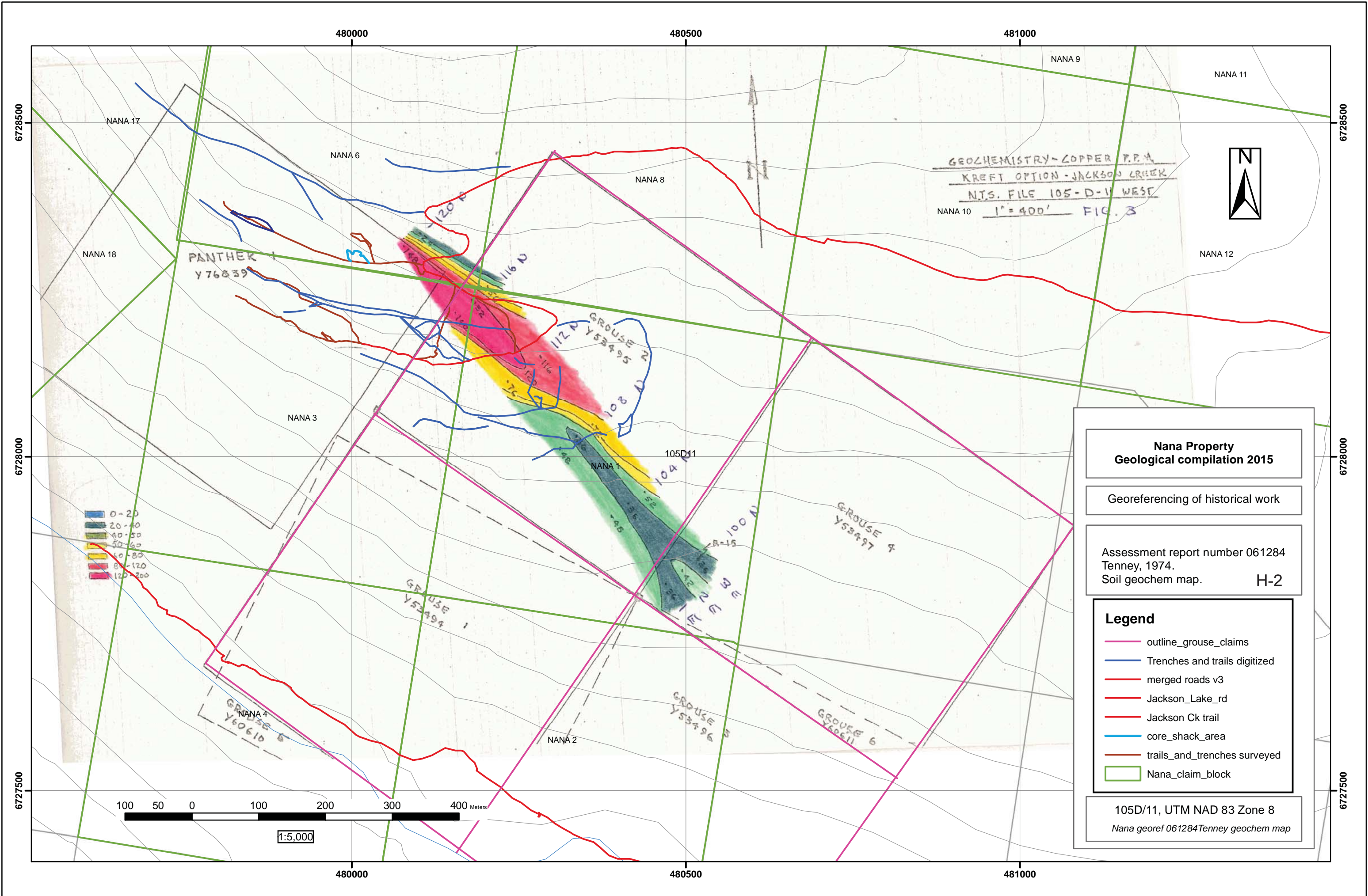
- outline_grouse_claims
- Trenches and trails digitized
- merged roads v3
- trails_and_trenches surveyed
- Nana_claim_block

Yukon quartz_claims

TENURE_STA

- Active
- Pending

105D/11, UTM NAD 83 Zone 8
Nana georef 061284Tenney Claims map



GEOCHEMISTRY - COPPER P.P.M.
 KREFT OPTION - JACKSON CREEK
 N.T.S. FILE 105-D-11 WEST
 NANA 10 1" = 400' FIG. 3



- 0 - 20
- 20 - 40
- 40 - 50
- 50 - 60
- 60 - 80
- 80 - 120
- 120 - 200

**Nana Property
 Geological compilation 2015**

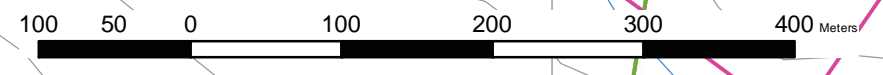
Georeferencing of historical work

Assessment report number 061284
 Tenney, 1974.
 Soil geochem map. H-2

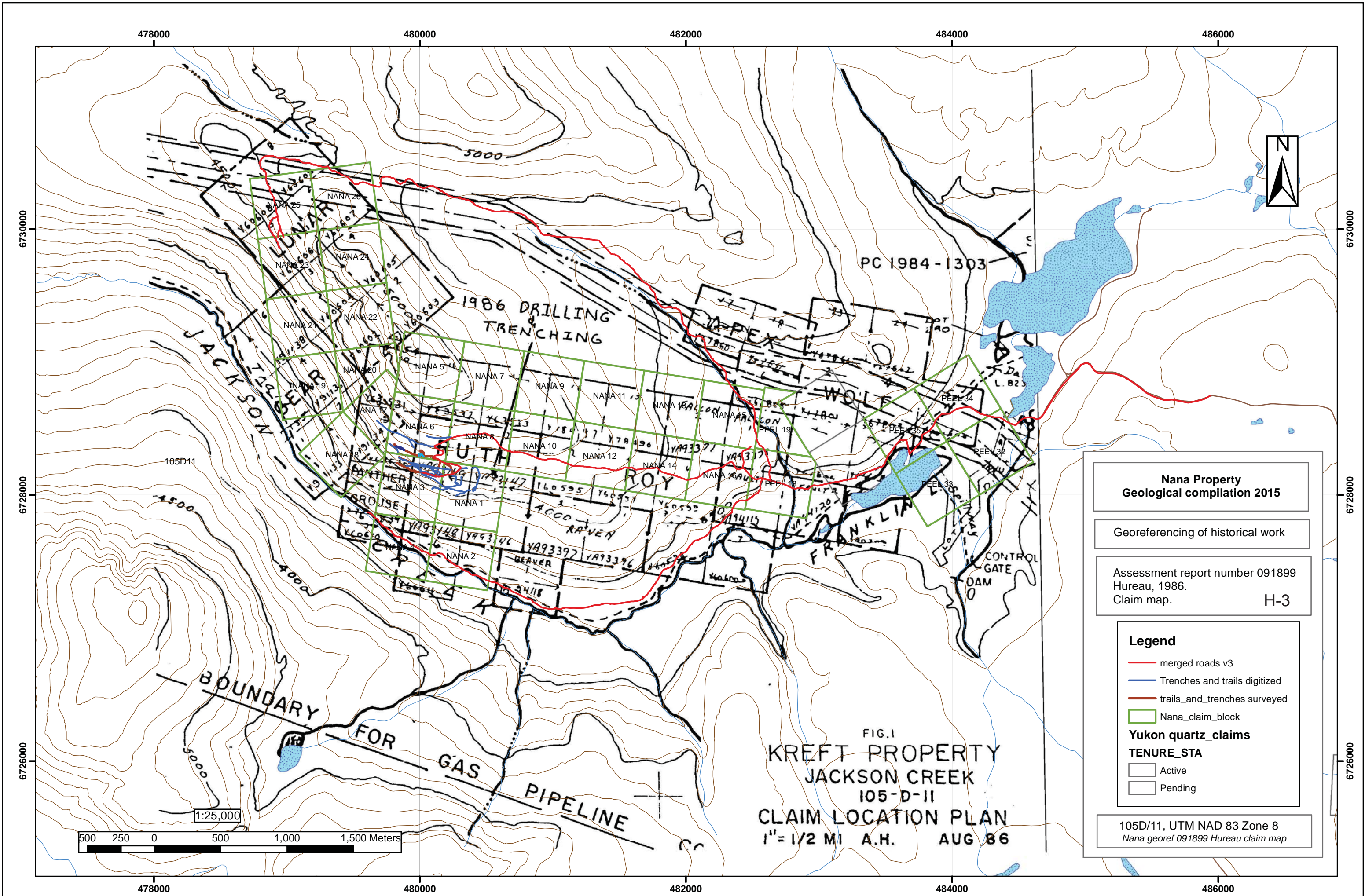
Legend

- outline_grouse_claims
- Trenches and trails digitized
- merged roads v3
- Jackson_Lake_rd
- Jackson Ck trail
- core_shack_area
- trails_and_trenches surveyed
- Nana_claim_block

105D/11, UTM NAD 83 Zone 8
 Nana georef 061284 Tenney geochem map



1:5,000



**Nana Property
Geological compilation 2015**

Georeferencing of historical work

Assessment report number 091899
Hureau, 1986.
Claim map. H-3

Legend

- merged roads v3
- Trenches and trails digitized
- trails_and_trenches surveyed
- Nana_claim_block

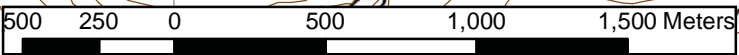
Yukon quartz_claims

TENURE_STA

- Active
- Pending

105D/11, UTM NAD 83 Zone 8
Nana georef 091899 Hureau claim map

FIG.1
**KREFT PROPERTY
JACKSON CREEK
105-D-II
CLAIM LOCATION PLAN**
1" = 1/2 MI A.H. AUG 86



478000

480000

482000

484000

486000

6730000

6730000

6728000

6728000

6726000

6726000

478000

480000

482000

484000

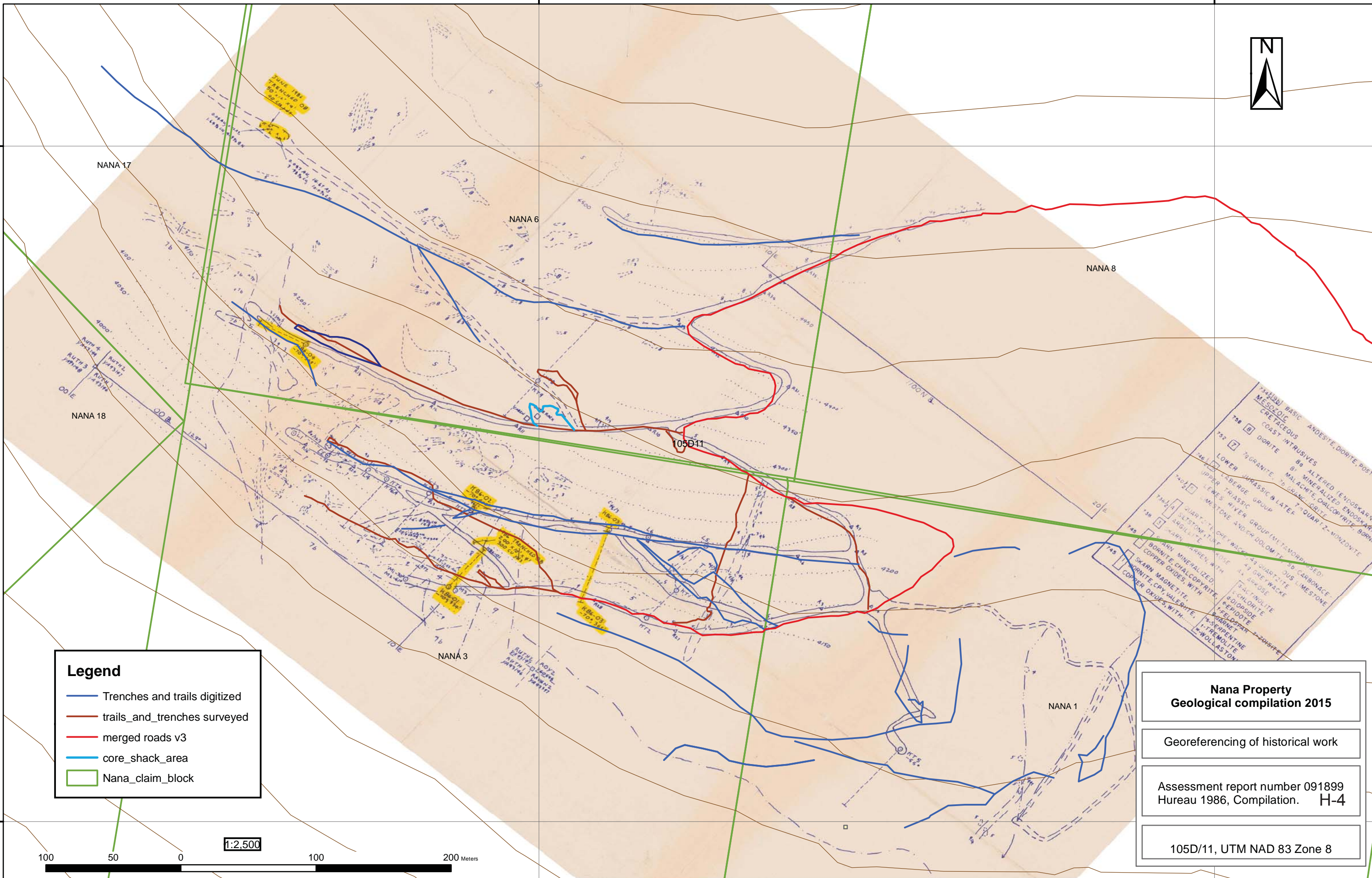
486000

480000

480500

6728500

6728500



Legend

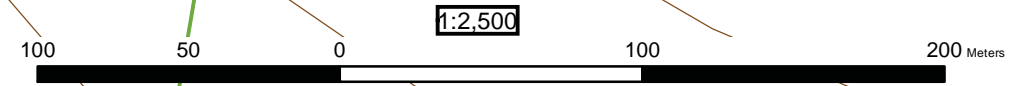
- Trenches and trails digitized
- trails_and_trenches surveyed
- merged roads v3
- core_shack_area
- Nana_claim_block

**Nana Property
Geological compilation 2015**

Georeferencing of historical work

Assessment report number 091899
Hureau 1986, Compilation. **H-4**

105D/11, UTM NAD 83 Zone 8

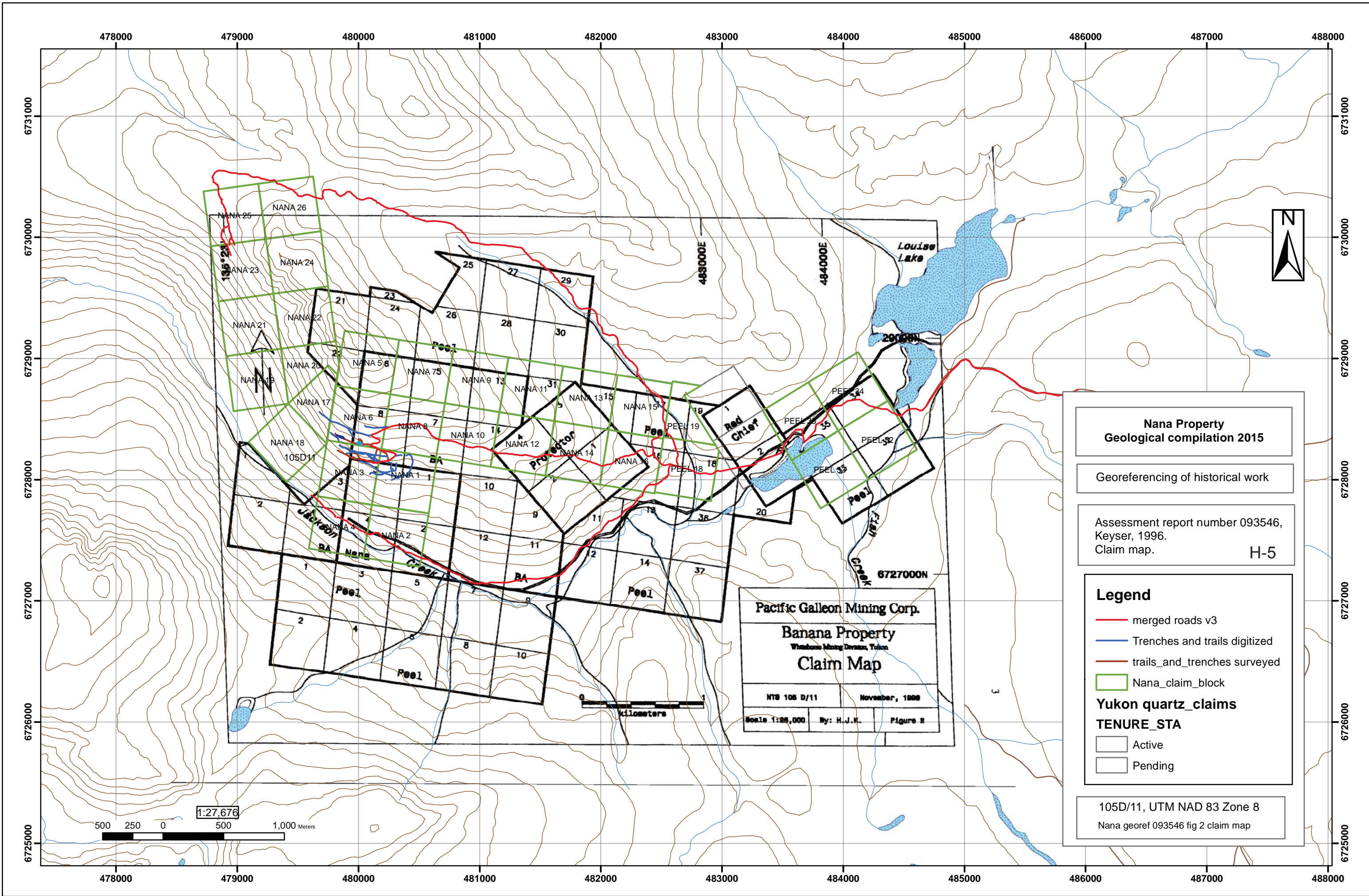


480000

480500

6728000

6728000



Nana Property Geological compilation 2015

Georeferencing of historical work

Assessment report number 093546, Keyser, 1996.
Claim map. H-5

Legend

- merged roads v3
- Trenches and trails digitized
- trails_and_trenches surveyed
- Nana_claim_block

Yukon quartz_claims

TENURE_STA

- Active
- Pending

105D/11, UTM NAD 83 Zone 8
Nana georef 093546 fig 2 claim map

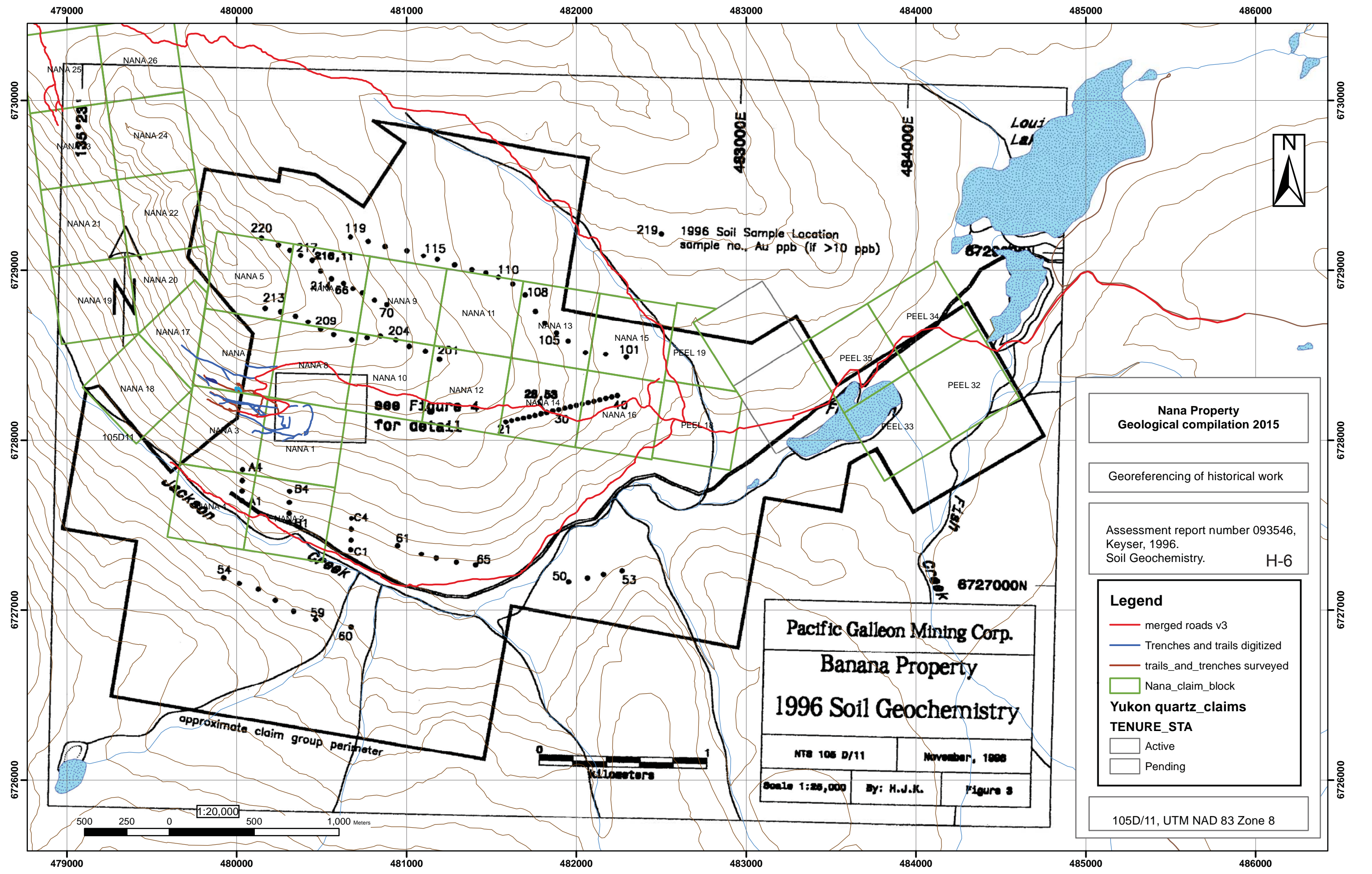
Pacific Galleon Mining Corp.
Banana Property
 Wilderness Mining Division, Yukon
Claim Map

NTS 105 D/11 November, 1998
 Scale 1:25,000 By: H.J.K. Figure 2

1:27,676

500 250 0 500 1,000 Meters

0 1 Kilometers



see Figure 4
for detail

219. 1996 Soil Sample Location
sample no. Au ppb (if >10 ppb)

Pacific Galleon Mining Corp.
Banana Property
1996 Soil Geochemistry

NTS 105 D/11	November, 1996
Scale 1:25,000	By: H.J.K. Figure 3

Nana Property Geological compilation 2015

Georeferencing of historical work

Assessment report number 093546, Keyser, 1996. Soil Geochemistry. H-6

Legend

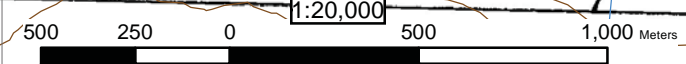
- merged roads v3
- Trenches and trails digitized
- trails_and_trenches surveyed
- Nana_claim_block

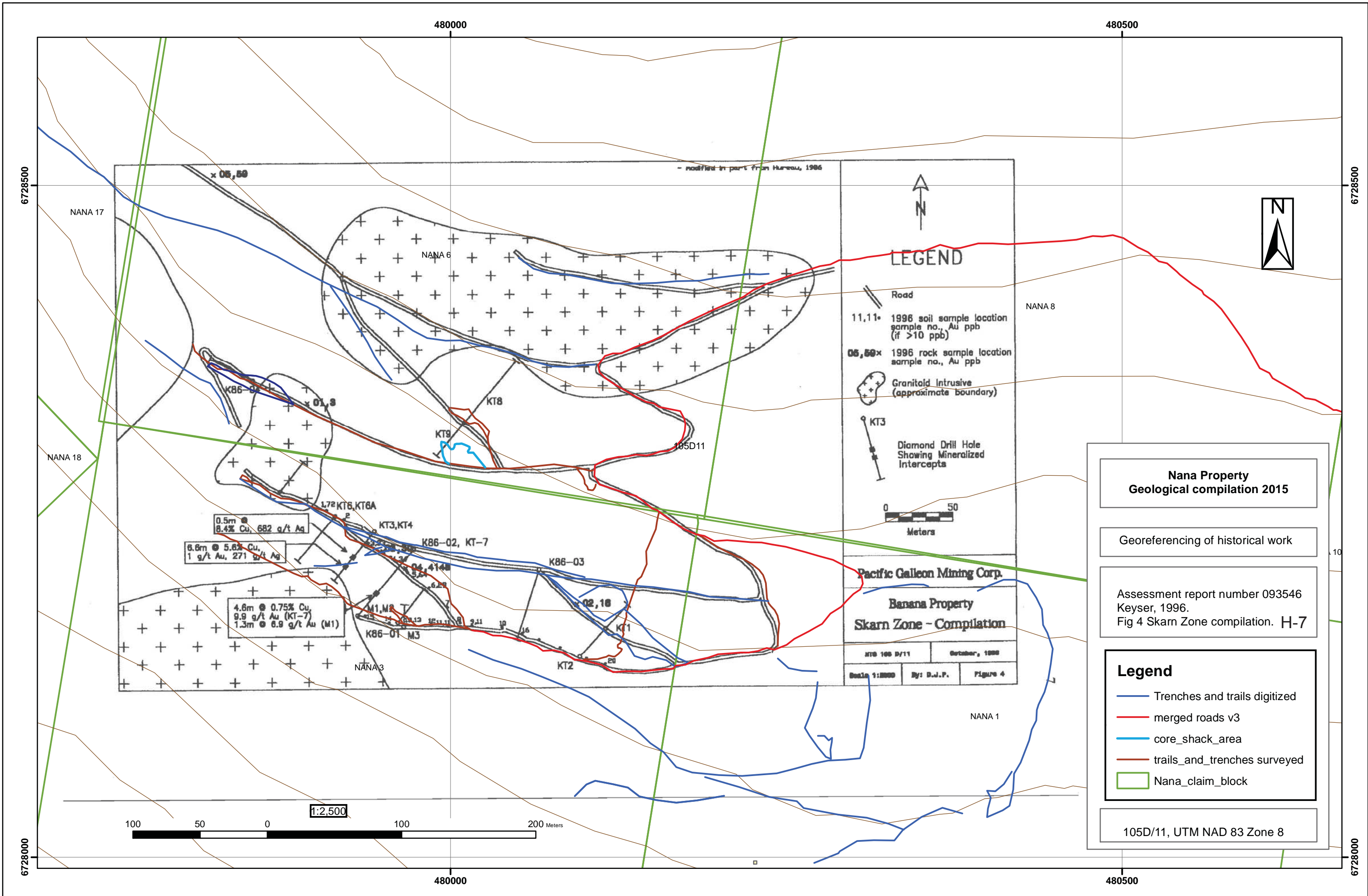
Yukon quartz_claims

TENURE_STA

- Active
- Pending

105D/11, UTM NAD 83 Zone 8





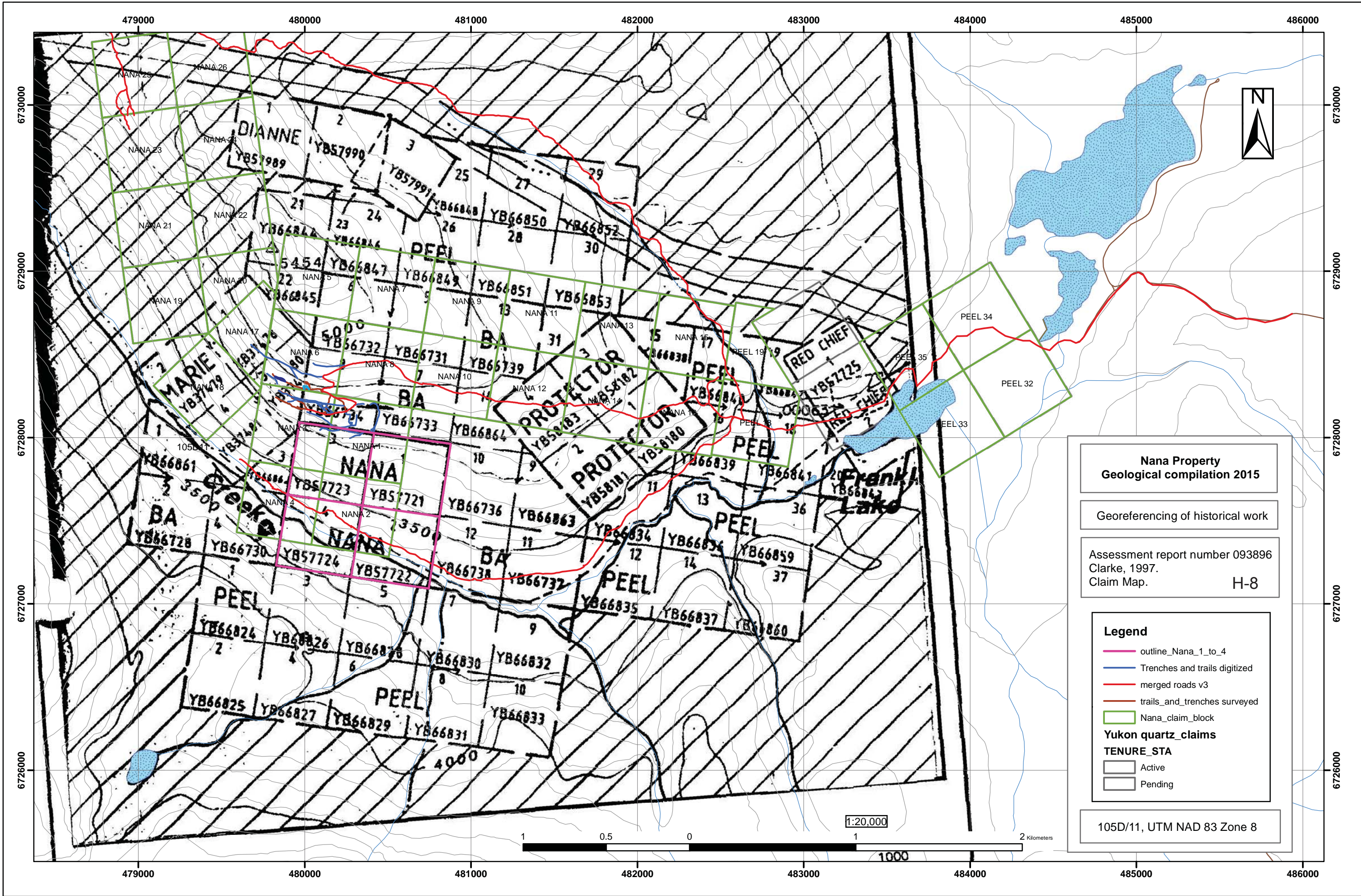
Nana Property Geological compilation 2015

Georeferencing of historical work

Assessment report number 093546 Keyser, 1996.
 Fig 4 Skarn Zone compilation. H-7

- Legend**
- Trenches and trails digitized
 - merged roads v3
 - core_shack_area
 - trails_and_trenches surveyed
 - Nana_claim_block

105D/11, UTM NAD 83 Zone 8



**Nana Property
Geological compilation 2015**

Georeferencing of historical work

Assessment report number 093896
Clarke, 1997.
Claim Map. H-8

Legend

- outline_Nana_1_to_4
- Trenches and trails digitized
- merged roads v3
- trails_and_trenches surveyed
- Nana_claim_block

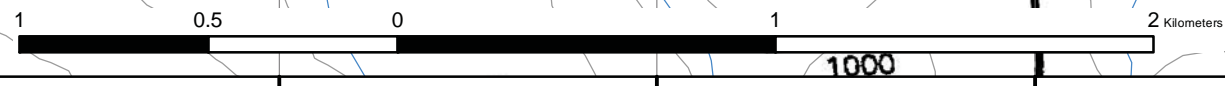
Yukon quartz_claims

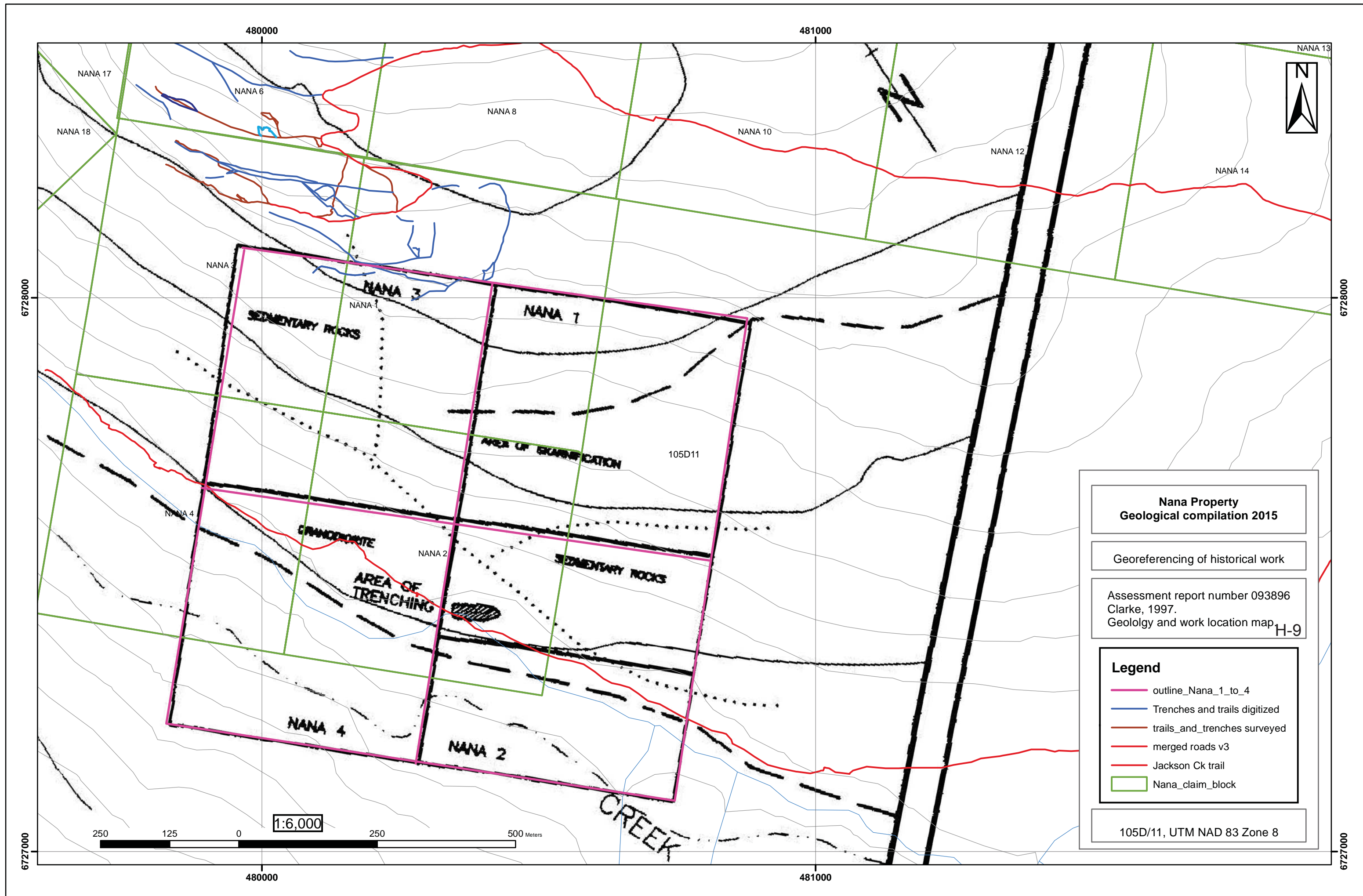
TENURE_STA

- Active
- Pending

105D/11, UTM NAD 83 Zone 8

1:20,000





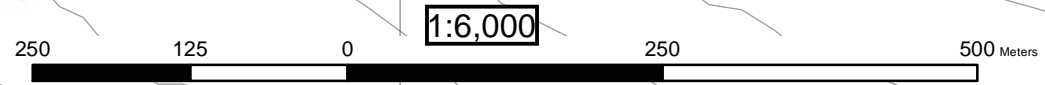
**Nana Property
Geological compilation 2015**

Georeferencing of historical work

Assessment report number 093896
Clarke, 1997.
Geology and work location map, H-9

- Legend**
- outline_Nana_1_to_4
 - Trenches and trails digitized
 - trails_and_trenches surveyed
 - merged roads v3
 - Jackson Ck trail
 - Nana_claim_block

105D/11, UTM NAD 83 Zone 8



6728000

6728000

6727000

6727000

480000

481000

480000

481000

NANA 17

NANA 6

NANA 8

NANA 10

NANA 12

NANA 14

NANA 13

NANA 18

NANA 5

NANA 1

NANA 3

NANA 7

NANA 4

NANA 2

NANA 4

NANA 2

105D11

SEDIMENTARY ROCKS

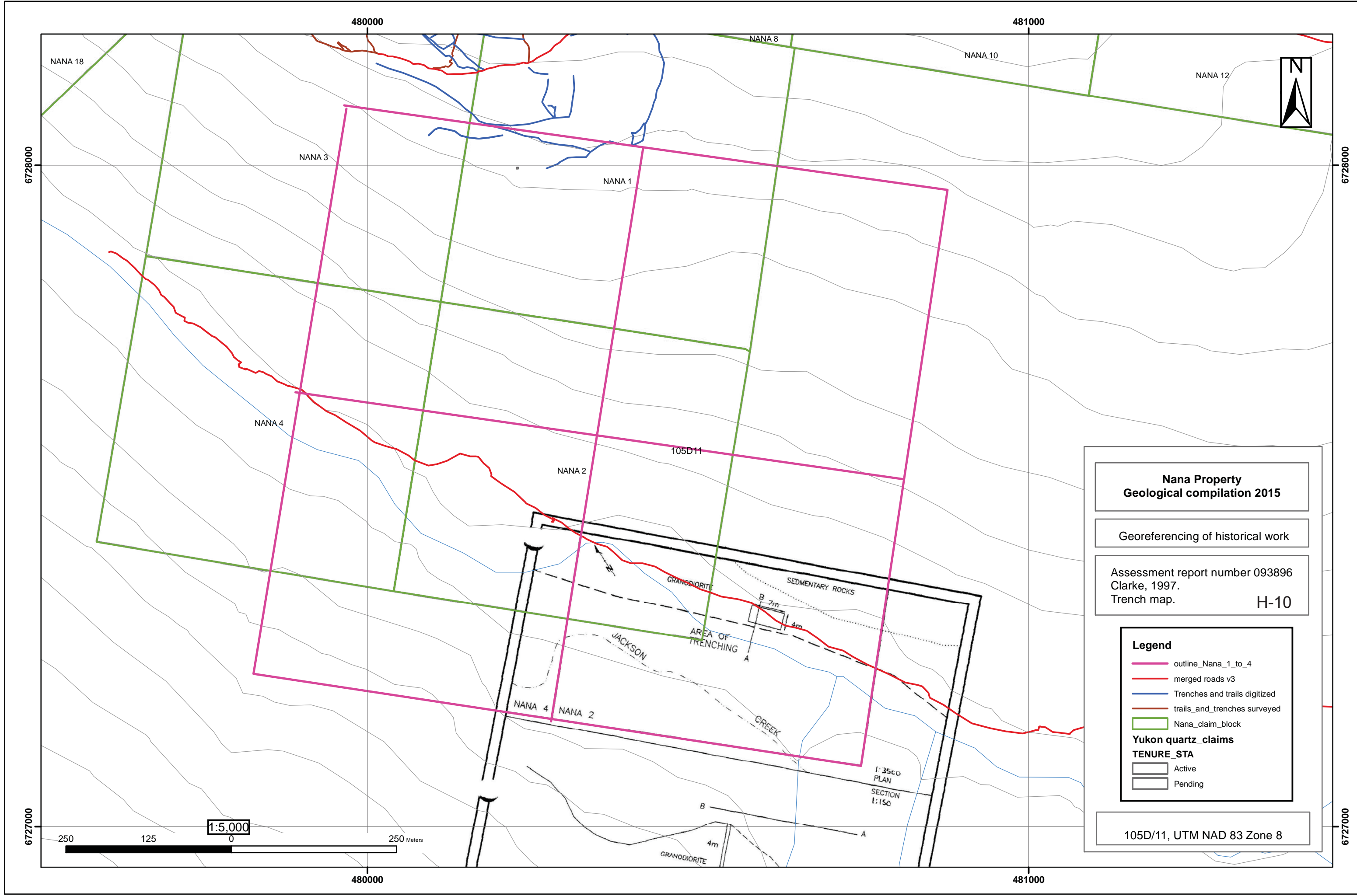
GRANODIORITE

AREA OF TRENCHING

AREA OF EXAMINATION

SEDIMENTARY ROCKS

CREEK



**Nana Property
Geological compilation 2015**

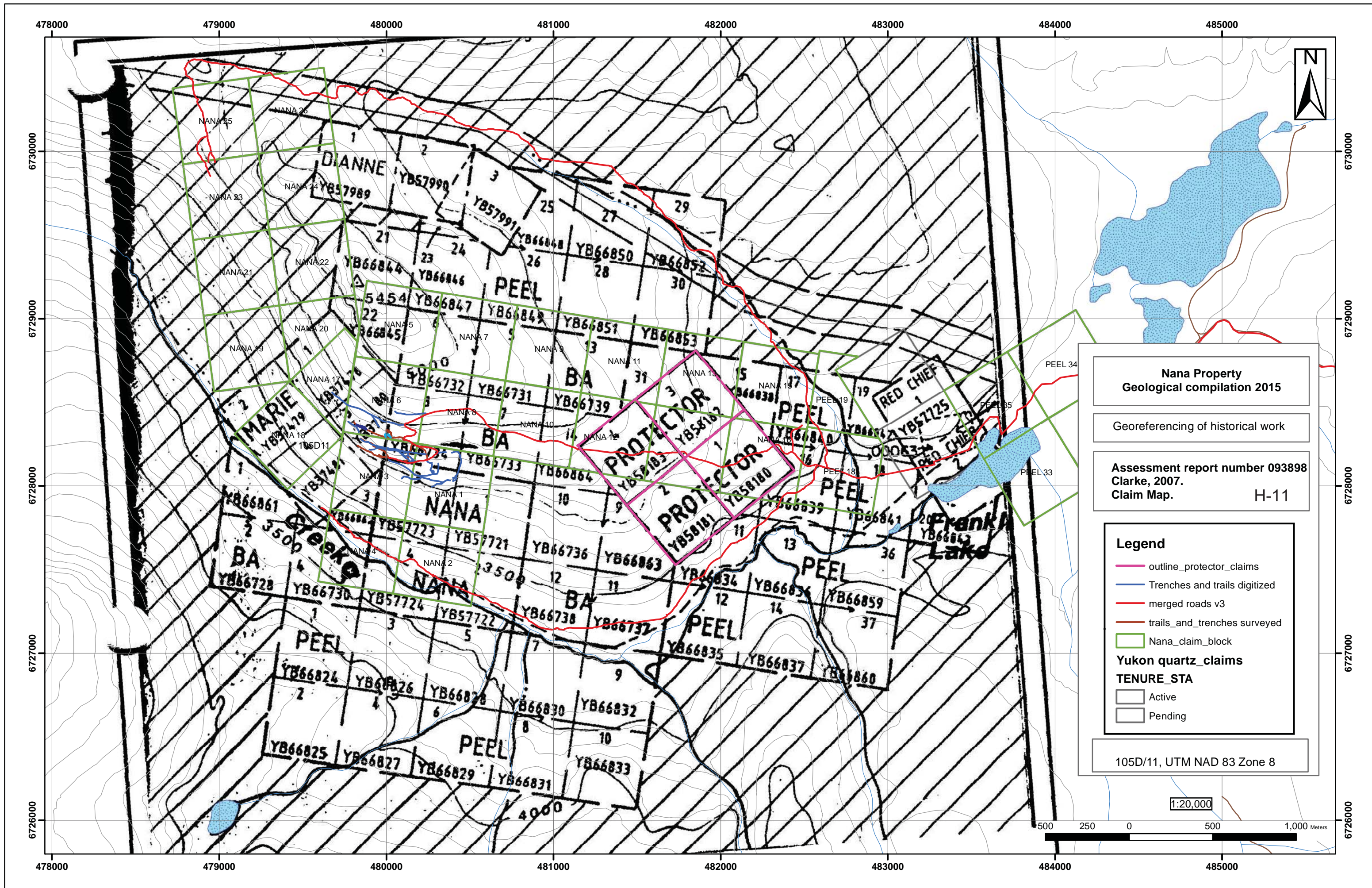
Georeferencing of historical work

Assessment report number 093896
Clarke, 1997.
Trench map. **H-10**

Legend

- outline_Nana_1_to_4
 - merged roads v3
 - Trenches and trails digitized
 - trails_and_trenches surveyed
 - Nana_claim_block
- Yukon quartz claims**
- TENURE_STA**
- Active
 - Pending

105D/11, UTM NAD 83 Zone 8



**Nana Property
Geological compilation 2015**

Georeferencing of historical work

Assessment report number 093898
Clarke, 2007.
Claim Map. H-11

Legend

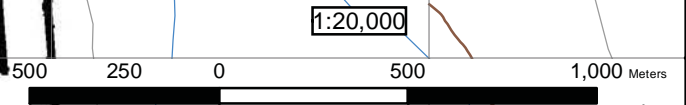
- outline_protector_claims
- Trenches and trails digitized
- merged roads v3
- trails_and_trenches surveyed
- Nana_claim_block

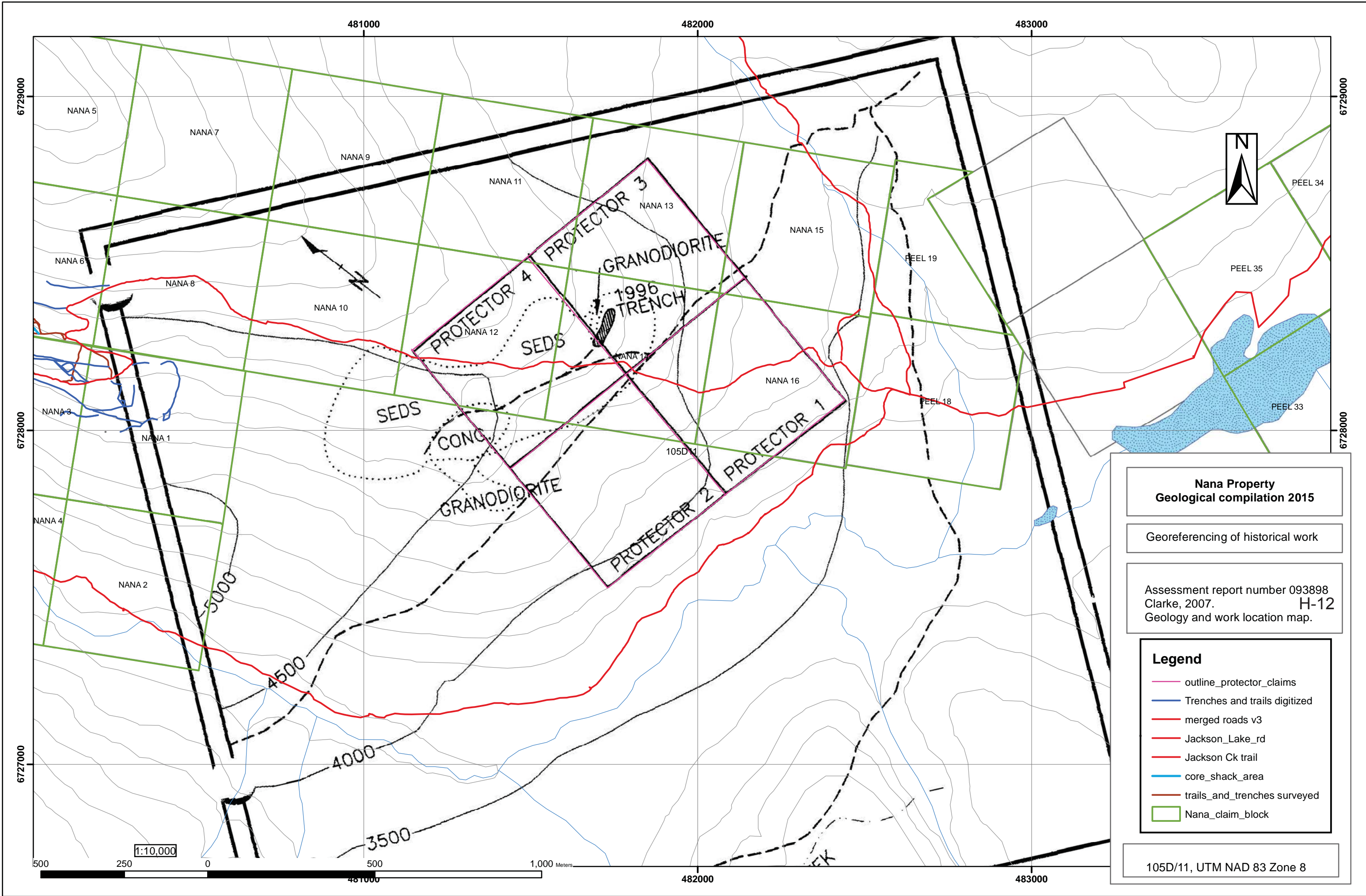
Yukon quartz_claims

TENURE_STA

- Active
- Pending

105D/11, UTM NAD 83 Zone 8





**Nana Property
Geological compilation 2015**

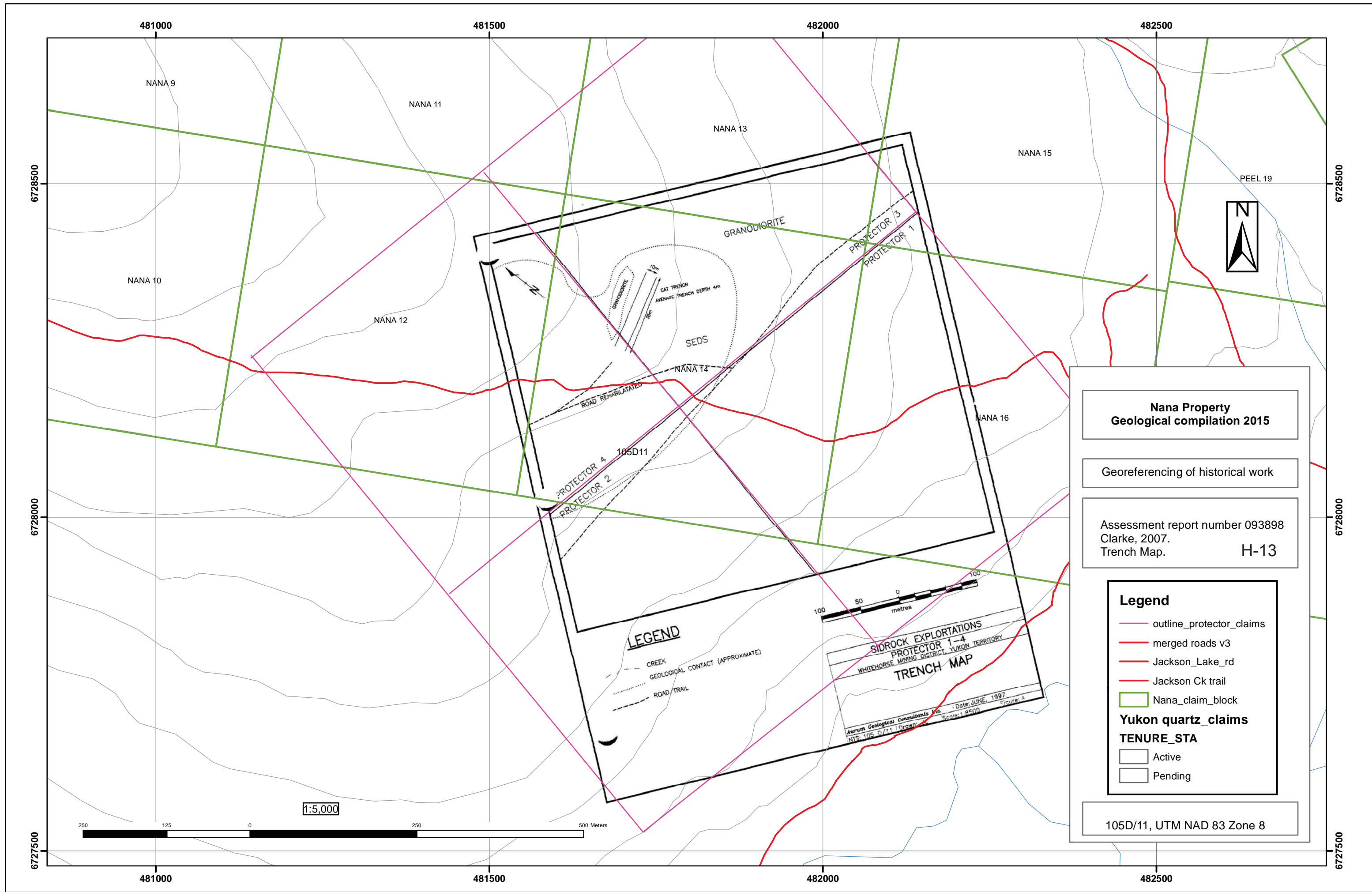
Georeferencing of historical work

Assessment report number 093898
Clarke, 2007. H-12
Geology and work location map.

Legend

- outline_protector_claims
- Trenches and trails digitized
- merged roads v3
- Jackson_Lake_rd
- Jackson Ck trail
- core_shack_area
- trails_and_trenches surveyed
- Nana_claim_block

105D/11, UTM NAD 83 Zone 8



**Nana Property
Geological compilation 2015**

Georeferencing of historical work

Assessment report number 093898
Clarke, 2007.
Trench Map. **H-13**

Legend

- outline_protector_claims
- merged roads v3
- Jackson_Lake_rd
- Jackson Ck trail
- Nana_claim_block

Yukon quartz_claims

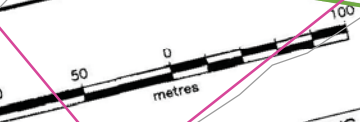
TENURE_STA

- Active
- Pending

105D/11, UTM NAD 83 Zone 8

LEGEND

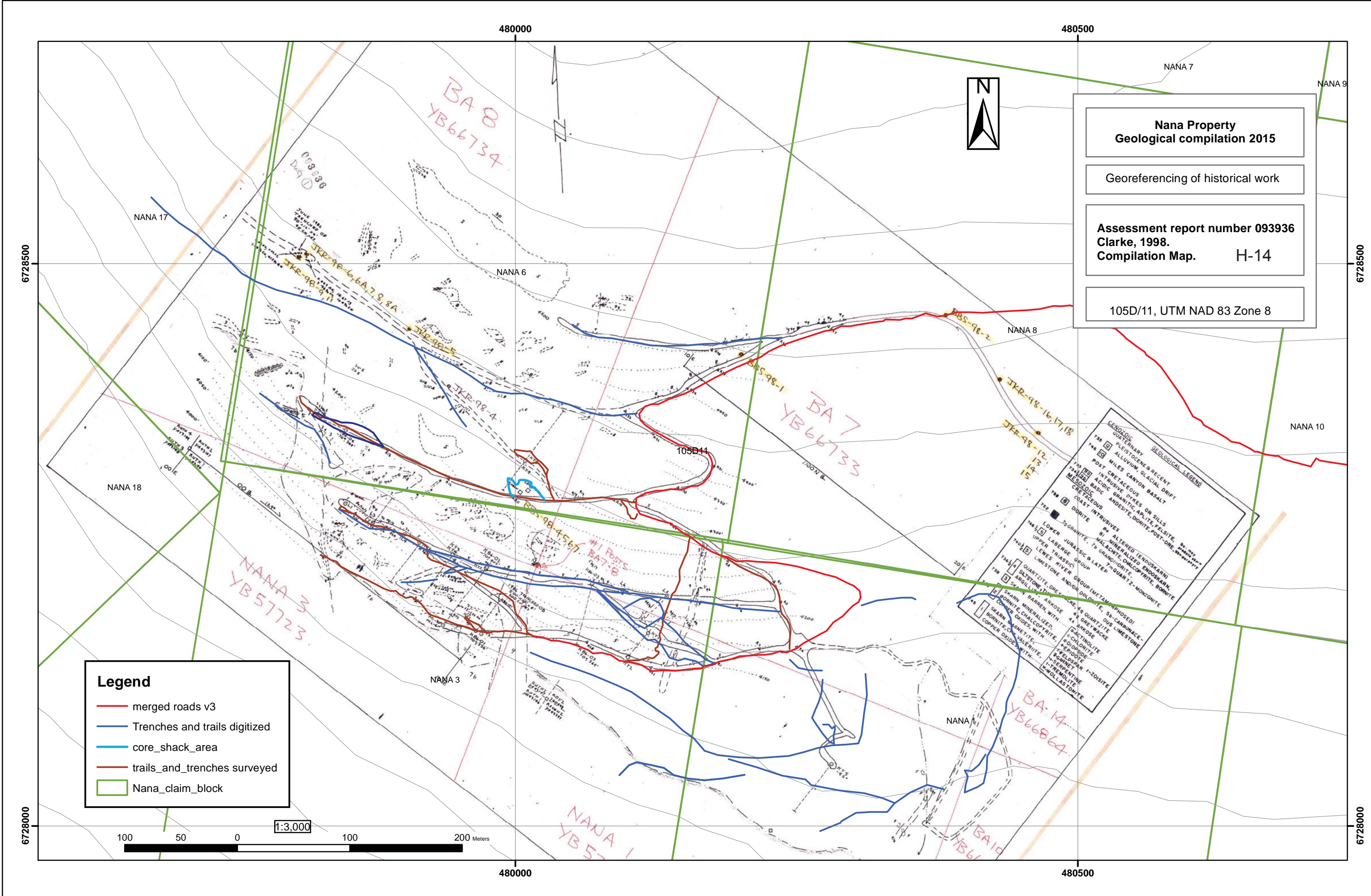
- CREEK
- GEOLOGICAL CONTACT (APPROXIMATE)
- ROAD/TRAIL



SIDROCK EXPLORATIONS
PROTECTOR 1-4
WHITEHORSE MINING DISTRICT, YUKON TERRITORY
TRENCH MAP
Datum: Geographical Coordinates
Date: JUNE, 1997
Scale: 1:2500
Figure: 4
NTS: 105 D/11 | Drawn: [unclear]



1:5,000



Nana Property
Geological compilation 2015

Georeferencing of historical work

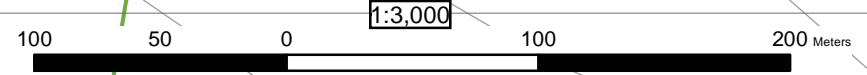
Assessment report number 093936
Clarke, 1998.
Compilation Map. H-14

105D/11, UTM NAD 83 Zone 8

- Legend**
- merged roads v3
 - Trenches and trails digitized
 - core_shack_area
 - trails_and_trenches surveyed
 - Nana_claim_block

GEOLOGICAL LEGEND

730	QUATERNARY	GLACIAL DRIFT
731	PLEISTOCENE & RECENT	ALLUVIUM
732	POST MILES CANYON BASALT	INTRUSIVE DYKES OR SILLS
733	CRETACEOUS	ACIDIC GRANITIC, AP, FLSITE, AND
734	MESOZOIC	BASIC AND ANDESITE, DIORITE
735	DIORITE	INTRUSIVES
736	LOWER JURASSIC & LATER	ALTERED ENDOSKARN
737	UPPER TRIASSIC	MALACHITE, CHALCOPYRITE, BORNITE
738	LEWIS RIVER GROUP (METAMORPHOSE)	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE
739	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE
740	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE
741	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE
742	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE
743	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE
744	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE
745	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE
746	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE
747	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE
748	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE
749	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE
750	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE	SKARN MINERALIZED, QUARTZITE, CARBONACE-LIMESTONE



480000 480500

6728500 6728000

NANA 7 NANA 9

NANA 17 NANA 6 NANA 8 NANA 10

NANA 18 NANA 3 NANA 11

BA 8 YB66734

BA 7 YB66733

BA 14 YB66864

BA 10 YB66734

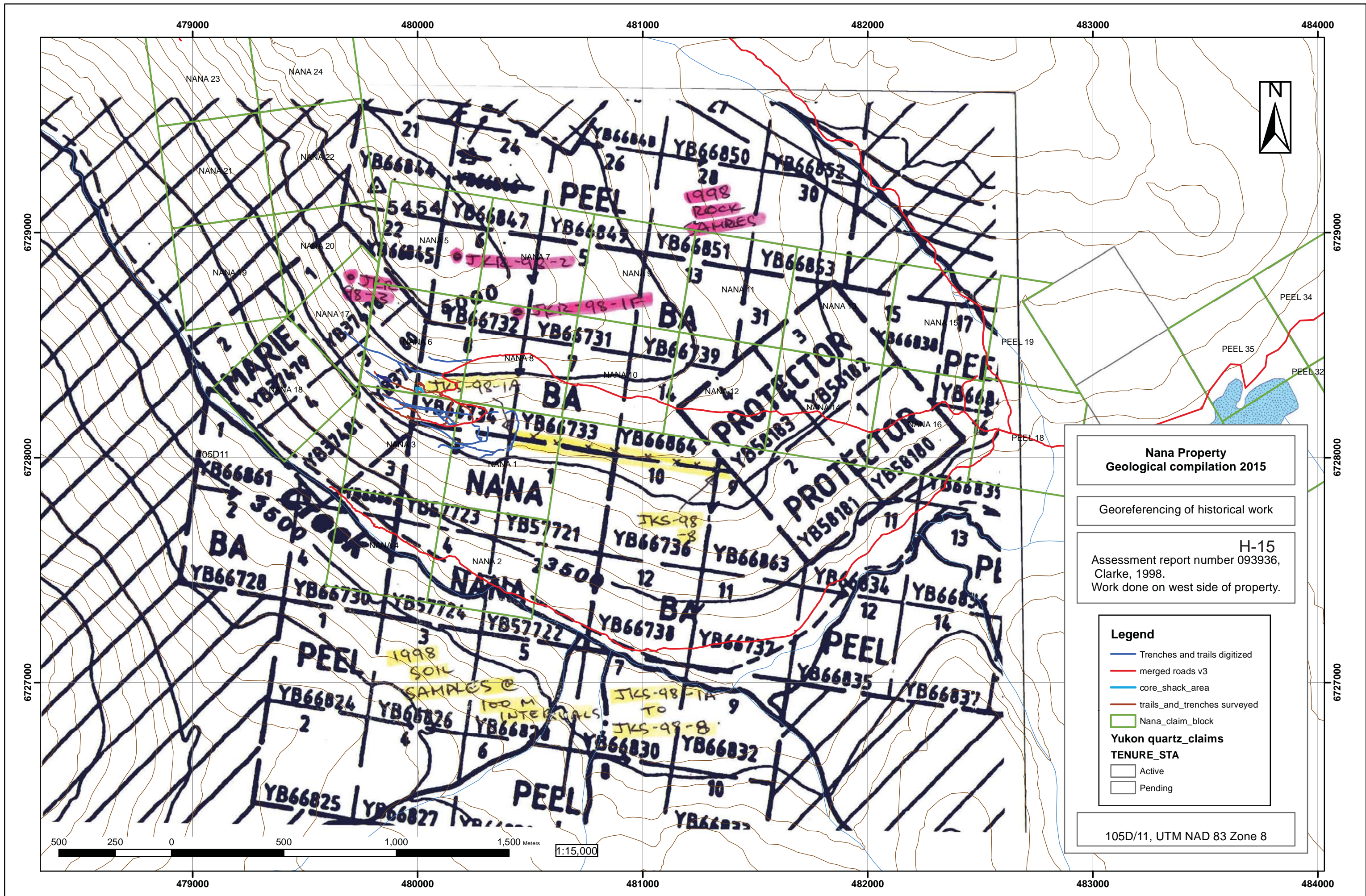
NANA 1 YB57723

105D11

093936

JKR-98-1 JKR-98-2 JKR-98-3 JKR-98-4 JKR-98-5 JKR-98-6 JKR-98-7 JKR-98-8 JKR-98-9 JKR-98-10 JKR-98-11 JKR-98-12 JKR-98-13 JKR-98-14 JKR-98-15

700N E



**Nana Property
Geological compilation 2015**

Georeferencing of historical work

H-15
Assessment report number 093936,
Clarke, 1998.
Work done on west side of property.

Legend

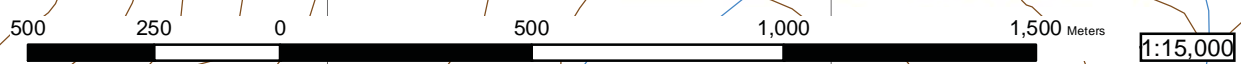
- Trenches and trails digitized
- merged roads v3
- core_shack_area
- trails_and_trenches surveyed
- Nana_claim_block

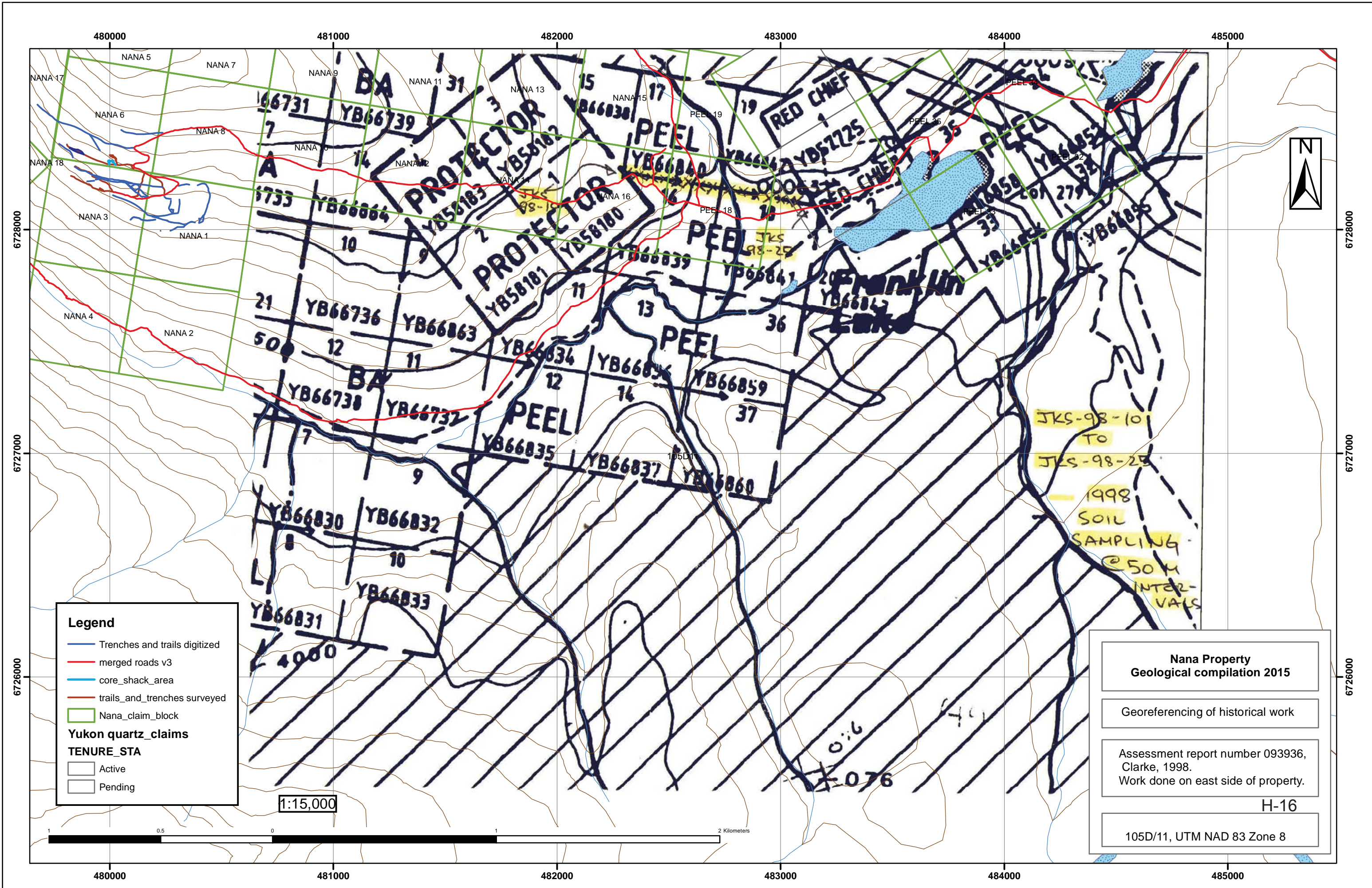
Yukon quartz_claims

TENURE_STA

- Active
- Pending

105D/11, UTM NAD 83 Zone 8





Legend

- Trenches and trails digitized
- merged roads v3
- core_shack_area
- trails_and_trenches surveyed
- Nana_claim_block

Yukon quartz_claims

TENURE_STA

- Active
- Pending

**Nana Property
Geological compilation 2015**

Georeferencing of historical work

Assessment report number 093936,
Clarke, 1998.
Work done on east side of property.

H-16

105D/11, UTM NAD 83 Zone 8



1:15,000

JKS-98-10
TO
JKS-98-25
1998
SOIL
SAMPLING
@ 50M
INTER-
VALS



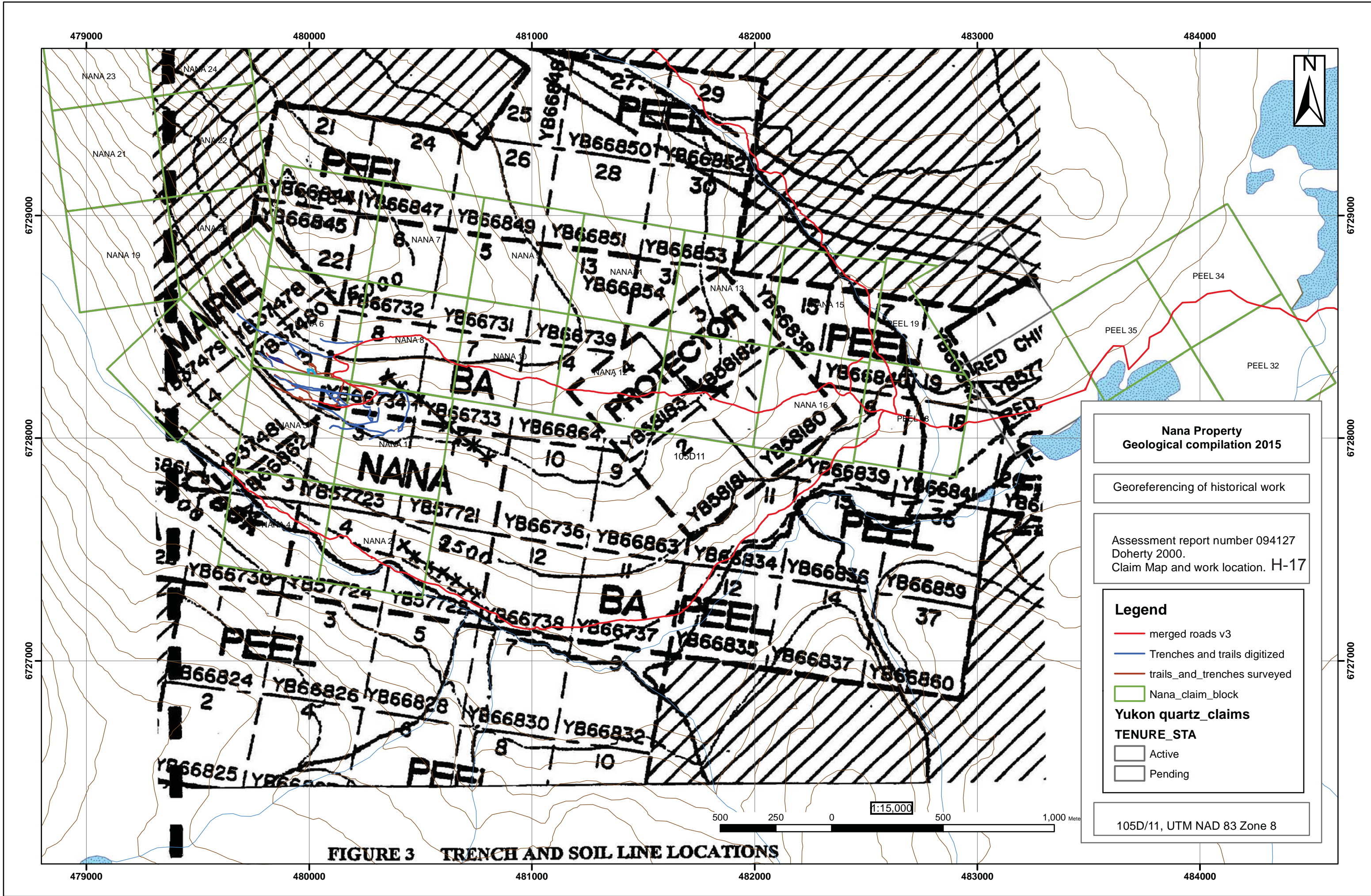
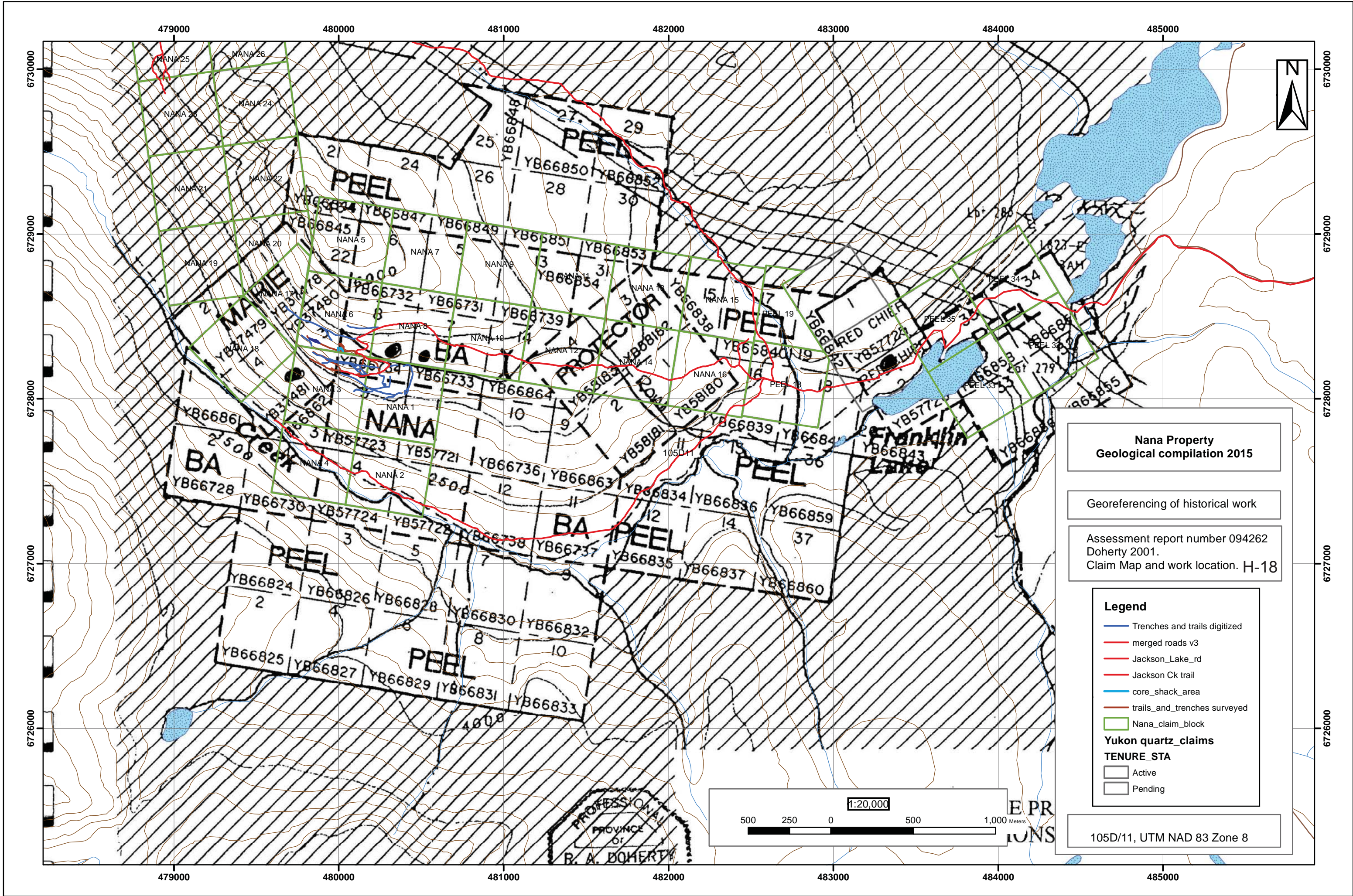


FIGURE 3 TRENCH AND SOIL LINE LOCATIONS



Nana Property Geological compilation 2015

Georeferencing of historical work

Assessment report number 094262
Doherty 2001.
Claim Map and work location. H-18

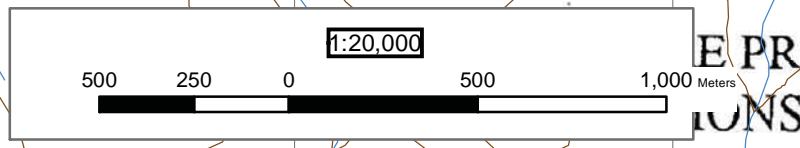
Legend

- Trenches and trails digitized
- merged roads v3
- Jackson_Lake_rd
- Jackson_Ck_trail
- core_shack_area
- trails_and_trenches_surveyed
- Nana_claim_block

Yukon quartz_claims

TENURE_STA

- Active
- Pending



105D/11, UTM NAD 83 Zone 8

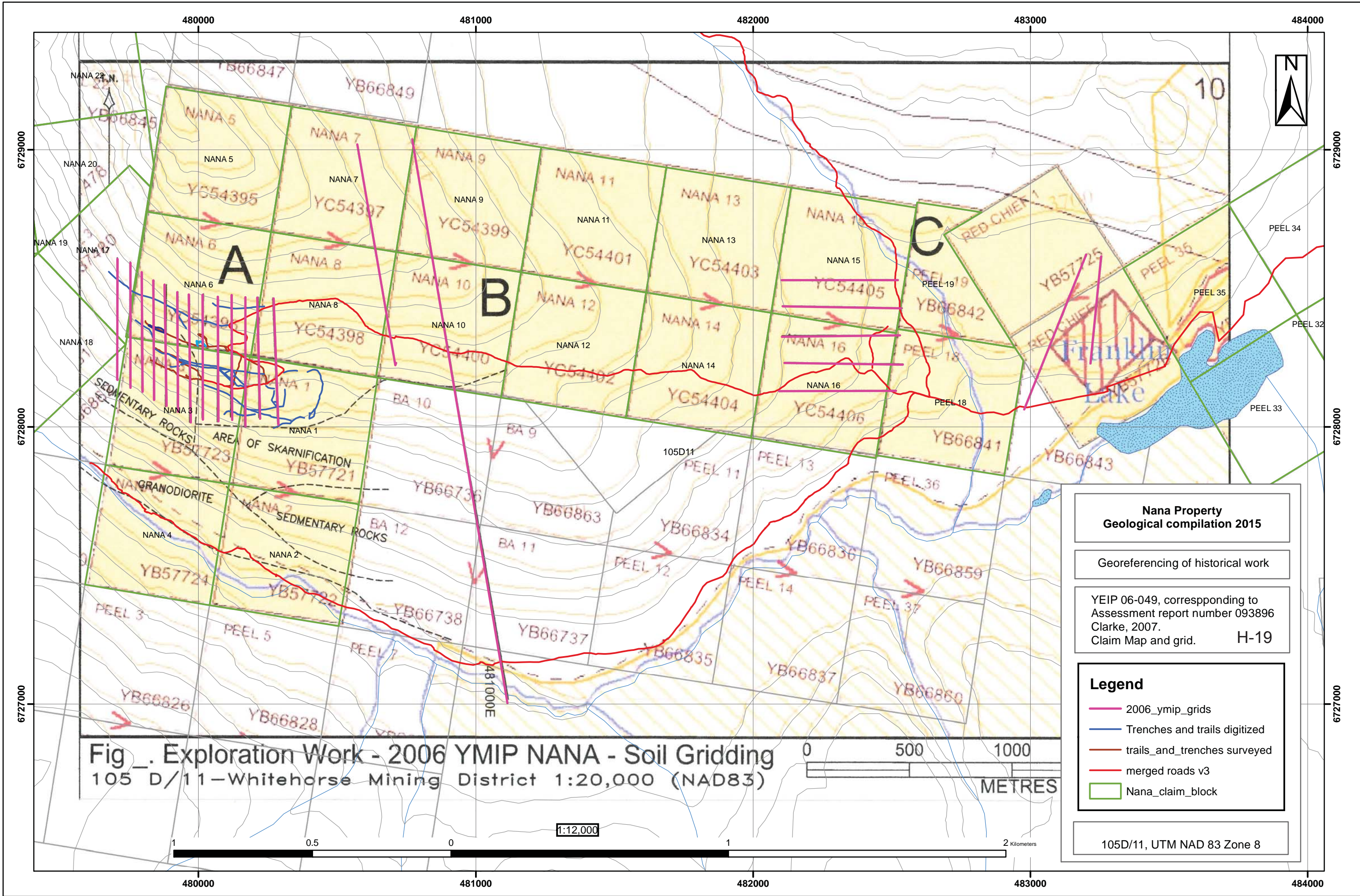


Fig. Exploration Work - 2006 YMIP NANA - Soil Gridding
 105 D/11 - Whitehorse Mining District 1:20,000 (NAD83)

Nana Property Geological compilation 2015

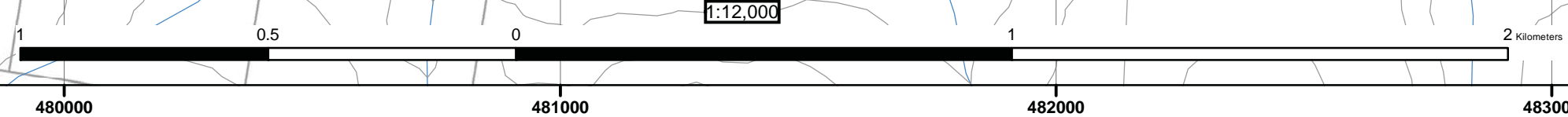
Georeferencing of historical work

YEIP 06-049, corresponding to Assessment report number 093896 Clarke, 2007.
 Claim Map and grid. H-19

Legend

- 2006_ymip_grids
- Trenches and trails digitized
- trails_and_trenches surveyed
- merged roads v3
- Nana_claim_block

105D/11, UTM NAD 83 Zone 8



6728500

6728000

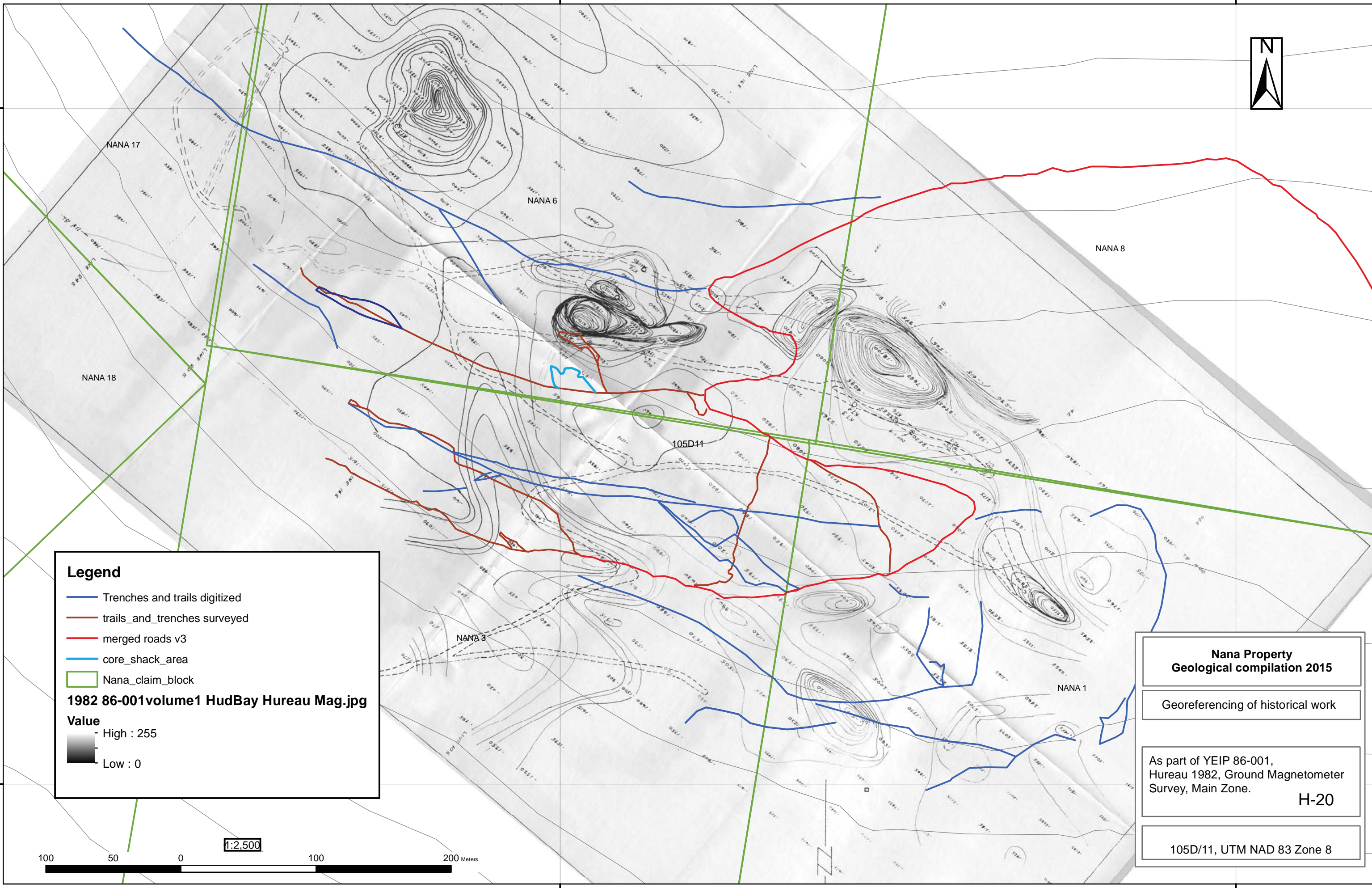
480000

480500



6728500

6728000



Legend

- Trenches and trails digitized
- trails_and_trenches surveyed
- merged roads v3
- core_shack_area
- Nana_claim_block

1982 86-001 volume1 HudBay Hureau Mag.jpg

Value

High : 255

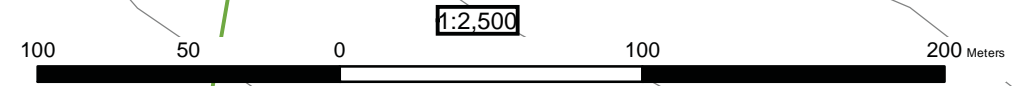
Low : 0

**Nana Property
Geological compilation 2015**

Georeferencing of historical work

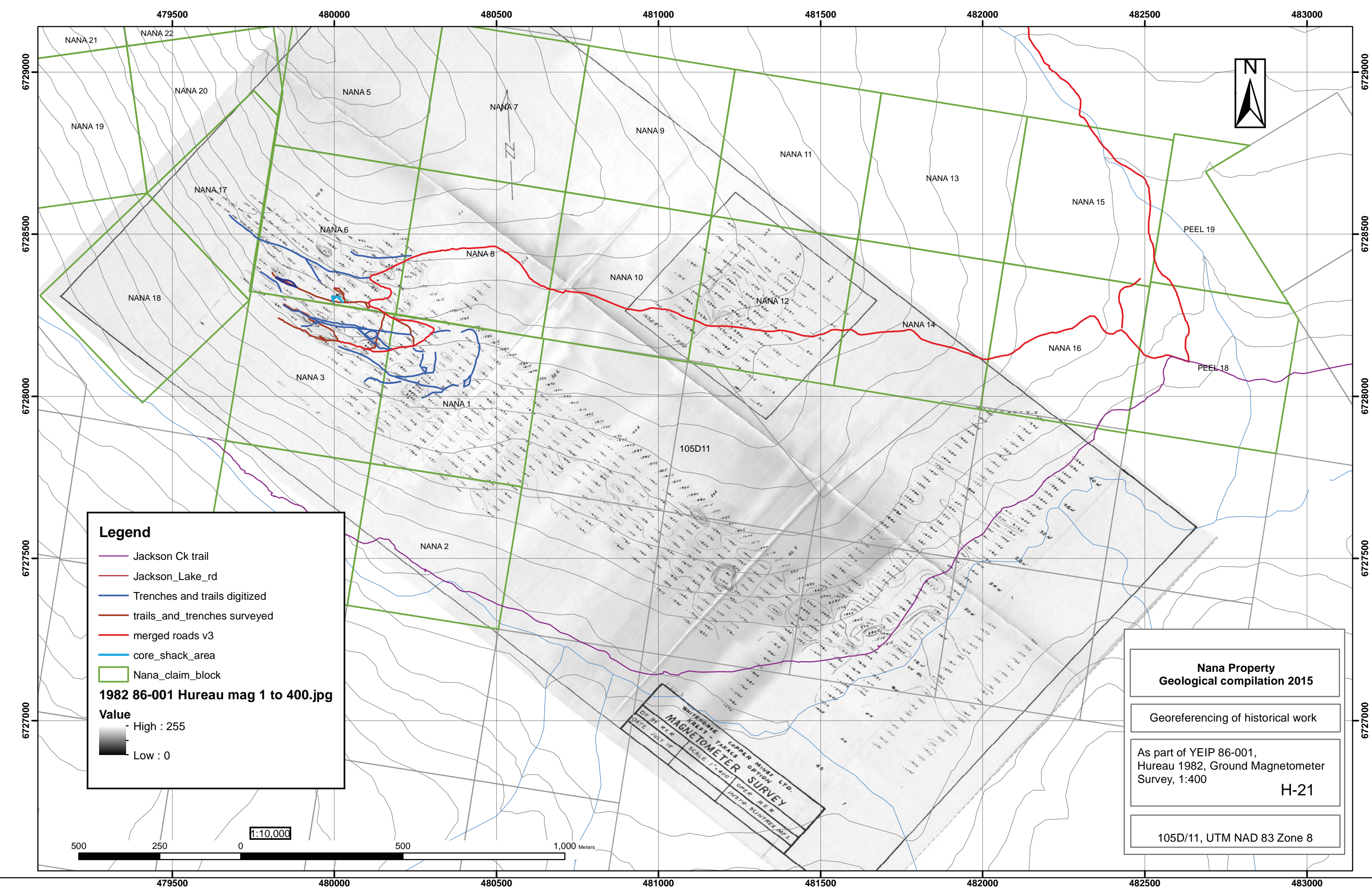
As part of YEIP 86-001,
Hureau 1982, Ground Magnetometer
Survey, Main Zone. **H-20**

105D/11, UTM NAD 83 Zone 8



480000

480500



Legend

- Jackson Ck trail
- Jackson_Lake_rd
- Trenches and trails digitized
- trails_and_trenches surveyed
- merged roads v3
- core_shack_area
- Nana_claim_block

1982 86-001 Hureau mag 1 to 400.jpg

Value

High : 255

Low : 0

**Nana Property
Geological compilation 2015**

Georeferencing of historical work

As part of YEIP 86-001,
Hureau 1982, Ground Magnetometer
Survey, 1:400

H-21

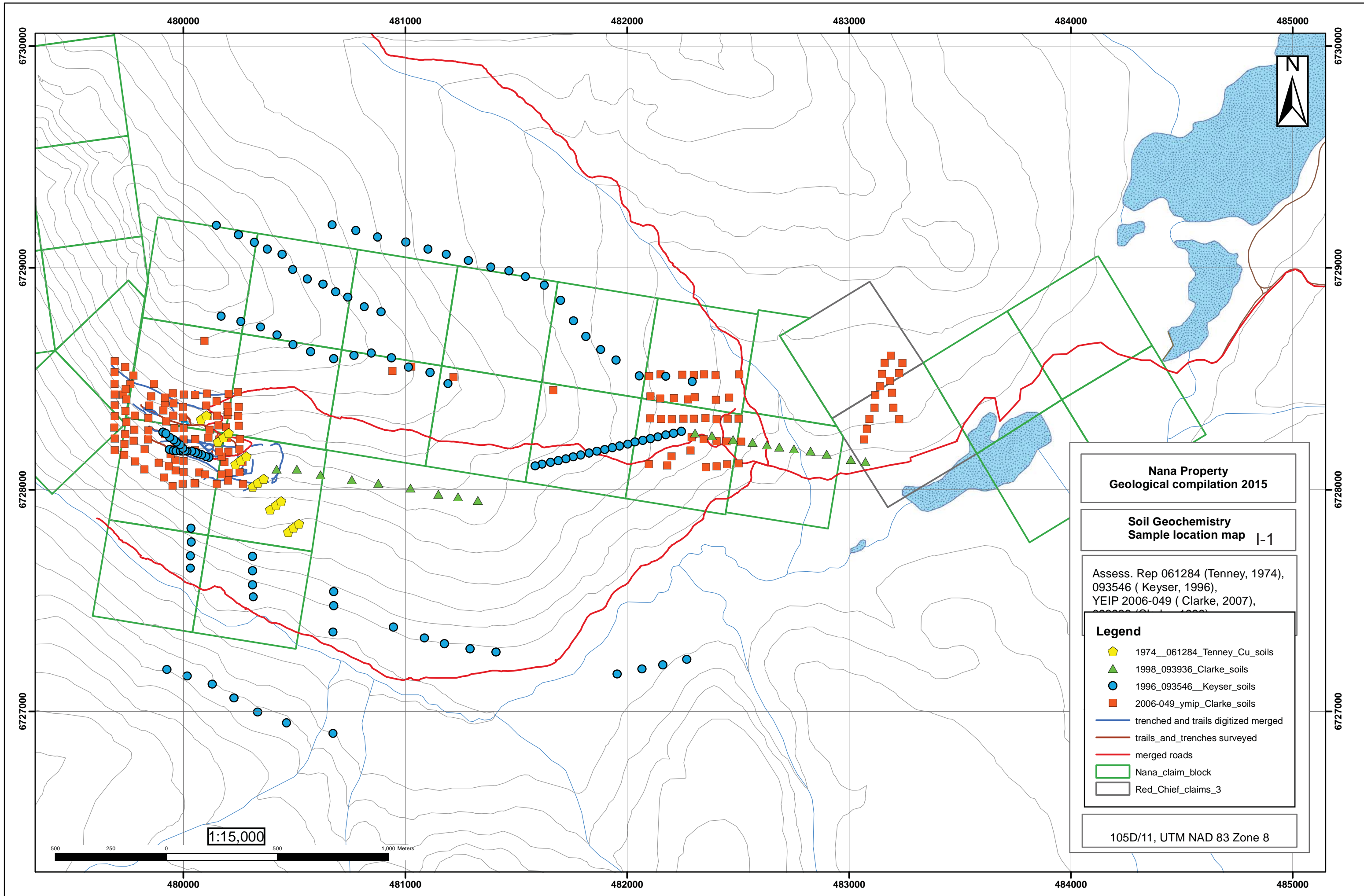
105D/11, UTM NAD 83 Zone 8

WHITEHORSE COPPER MINES LTD.
 MREY - TANA3 OPTION
MAGNETOMETER SURVEY
 DK BY R.E.R. SCALE 1:400 OPER. R.E.R.
 DATE JULY 78 INSTR. SCINTREX MFL



APPENDIX I- COMPILATIONS

- I-1 Soil Sample Location Map
- I-2 Soils – Au
- I-3 Soils – Au Main Zone Inset Map
- I-4 Soils –Cu
- I.5 Soils – Cu Main zone Inset Map
- I-6 Drill Holes
- I-7 Drill Holes Main Zone Inset Map
- I-8 Trenches
- I-9 Geology Main Zone
- I-10 Aeromagnetic (RMI) Survey



**Nana Property
Geological compilation 2015**

**Soil Geochemistry
Sample location map | -1**

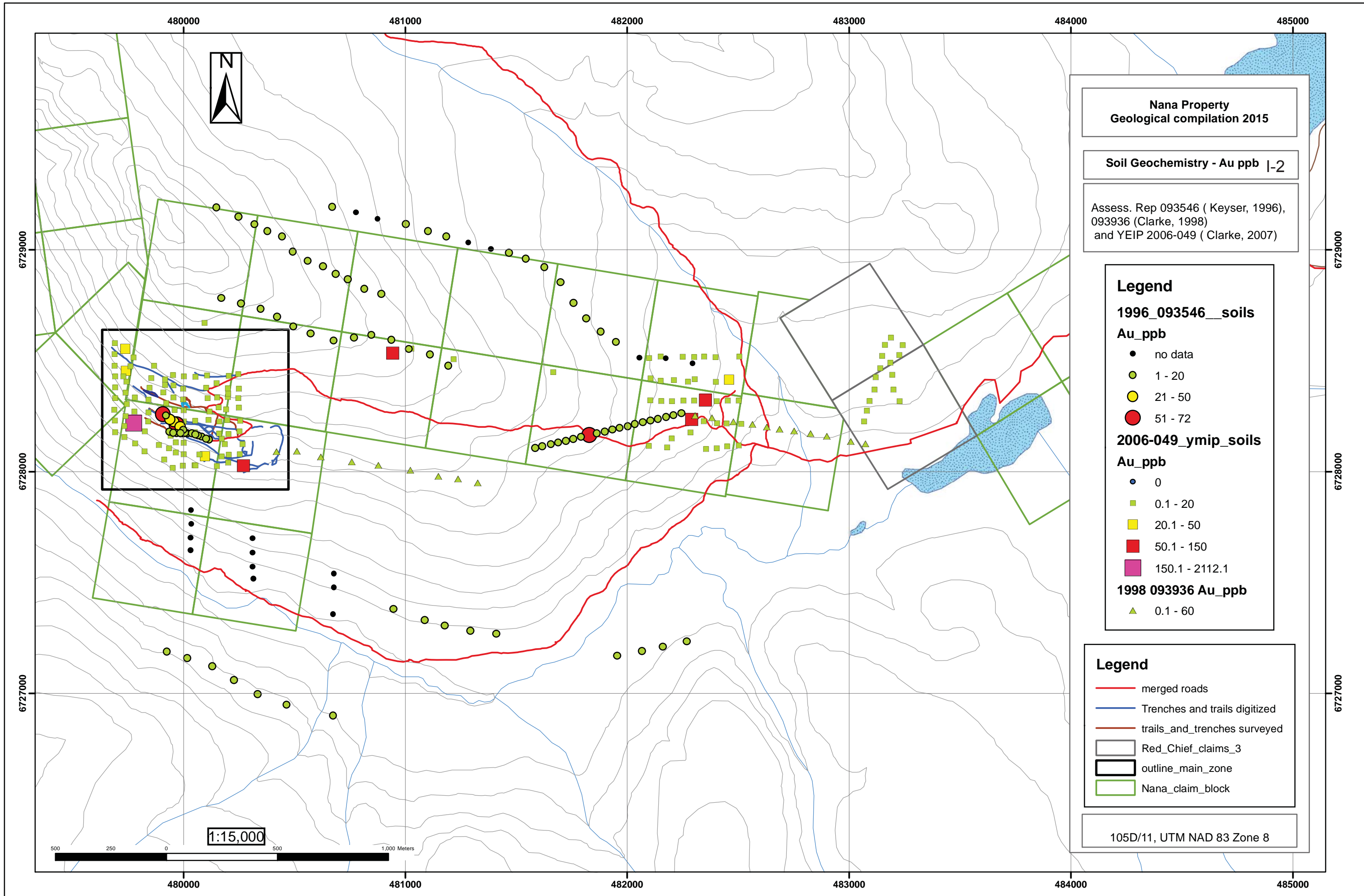
Assess. Rep 061284 (Tenney, 1974),
093546 (Keyser, 1996),
YEIP 2006-049 (Clarke, 2007),
093546 (Clarke, 1996)

- Legend**
- ◆ 1974_061284_Tenney_Cu_soils
 - ▲ 1998_093936_Clarke_soils
 - 1996_093546_Keyser_soils
 - 2006-049_ymip_Clarke_soils
 - trenched and trails digitized merged
 - trails_and_trenches surveyed
 - merged roads
 - Nana_claim_block
 - Red_Chief_claims_3

105D/11, UTM NAD 83 Zone 8

1:15,000

500 250 0 500 1,000 Meters



**Nana Property
Geological compilation 2015**

Soil Geochemistry - Au ppb | -2

Assess. Rep 093546 (Keyser, 1996),
093936 (Clarke, 1998)
and YEIP 2006-049 (Clarke, 2007)

Legend

1996_093546__soils

Au_ppb

- no data
- 1 - 20
- 21 - 50
- 51 - 72

2006-049_y mip_soils

Au_ppb

- 0
- 0.1 - 20
- 20.1 - 50
- 50.1 - 150
- 150.1 - 2112.1

1998_093936 Au_ppb

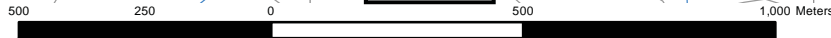
- ▲ 0.1 - 60

Legend

- merged roads
- Trenches and trails digitized
- trails_and_trenches surveyed
- Red_Chief_claims_3
- outline_main_zone
- Nana_claim_block

105D/11, UTM NAD 83 Zone 8

1:15,000



480000

481000

482000

483000

484000

485000

6729000

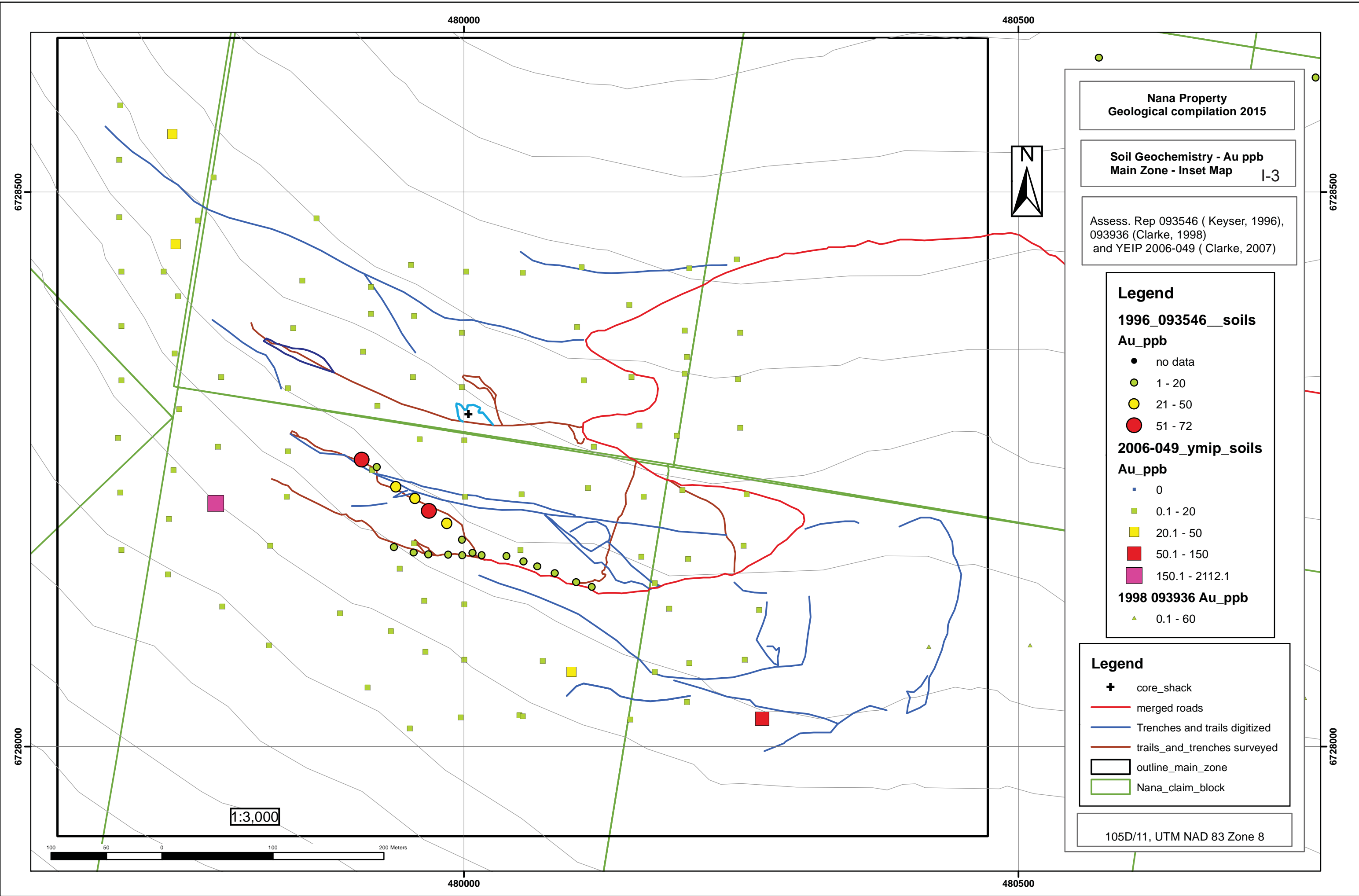
6728000

6727000

6729000

6728000

6727000



**Nana Property
Geological compilation 2015**

**Soil Geochemistry - Au ppb
Main Zone - Inset Map |-3**

Assess. Rep 093546 (Keyser, 1996),
093936 (Clarke, 1998)
and YEIP 2006-049 (Clarke, 2007)

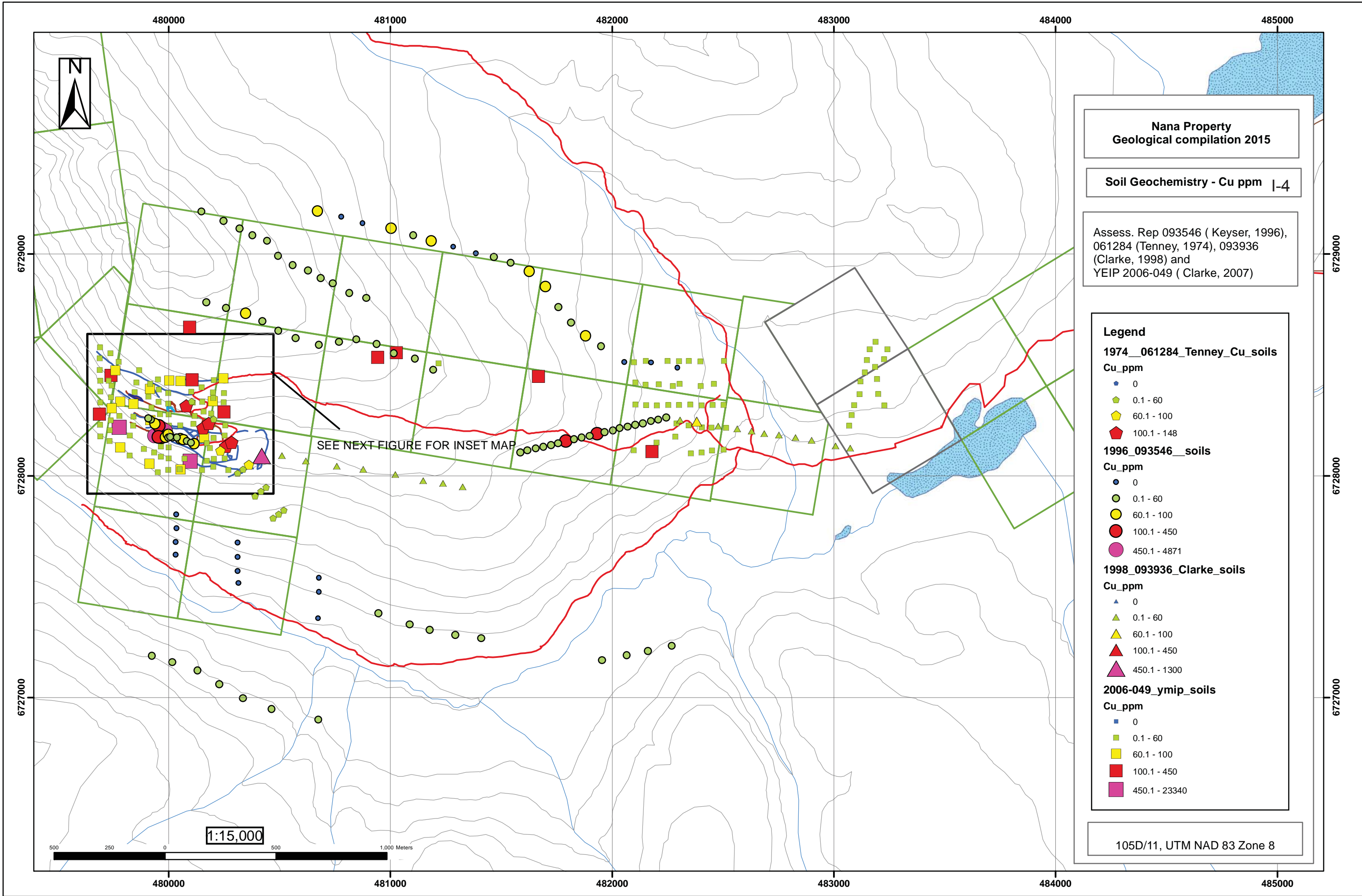
- Legend**
- 1996_093546_soils**
- Au_ppb**
- no data
 - 1 - 20
 - 21 - 50
 - 51 - 72
- 2006-049_ymip_soils**
- Au_ppb**
- 0
 - 0.1 - 20
 - 20.1 - 50
 - 50.1 - 150
 - 150.1 - 2112.1
- 1998_093936 Au_ppb**
- ▲ 0.1 - 60

- Legend**
- + core_shack
 - merged roads
 - Trenches and trails digitized
 - trails_and_trenches surveyed
 - outline_main_zone
 - Nana_claim_block

105D/11, UTM NAD 83 Zone 8

1:3,000

100 50 0 100 200 Meters



**Nana Property
Geological compilation 2015**

Soil Geochemistry - Cu ppm | -4

Assess. Rep 093546 (Keyser, 1996),
061284 (Tenney, 1974), 093936
(Clarke, 1998) and
YEIP 2006-049 (Clarke, 2007)

Legend

1974_061284_Tenney_Cu_soils
Cu_ppm

- 0
- ◆ 0.1 - 60
- ◇ 60.1 - 100
- ◑ 100.1 - 148

1996_093546_soils
Cu_ppm

- 0
- 0.1 - 60
- 60.1 - 100
- 100.1 - 450
- 450.1 - 4871

1998_093936_Clarke_soils
Cu_ppm

- ▲ 0
- ▲ 0.1 - 60
- ▲ 60.1 - 100
- ▲ 100.1 - 450
- ▲ 450.1 - 1300

2006-049_ymip_soils
Cu_ppm

- 0
- 0.1 - 60
- 60.1 - 100
- 100.1 - 450
- 450.1 - 23340

105D/11, UTM NAD 83 Zone 8

SEE NEXT FIGURE FOR INSET MAP

1:15,000

500 250 0 500 1,000 Meters

480000 481000 482000 483000 484000 485000

6729000
6728000
6727000

6729000
6728000
6727000

480000 481000 482000 483000 484000 485000

480000



**Nana Property
Geological compilation 2015**

**Soil Geochemistry - Cu ppm
Main Zone - Inset Map 1-5**

Assess. Rep 093546 (Keyser, 1996),
061284 (Tenney, 1974), 093936
(Clarke, 1998) and
YEIP 2006-049 (Clarke, 2007)

Legend

1974_061284_Tenney_Cu_soils

Cu_ppm

- 0
- ◊ 0.1 - 60
- ◑ 60.1 - 100
- ◑ 100.1 - 148

1996_093546_soils

Cu_ppm

- 0
- ◊ 0.1 - 60
- ◑ 60.1 - 100
- 100.1 - 450
- 450.1 - 4871

1998_093936_Clarke_soils

Cu_ppm

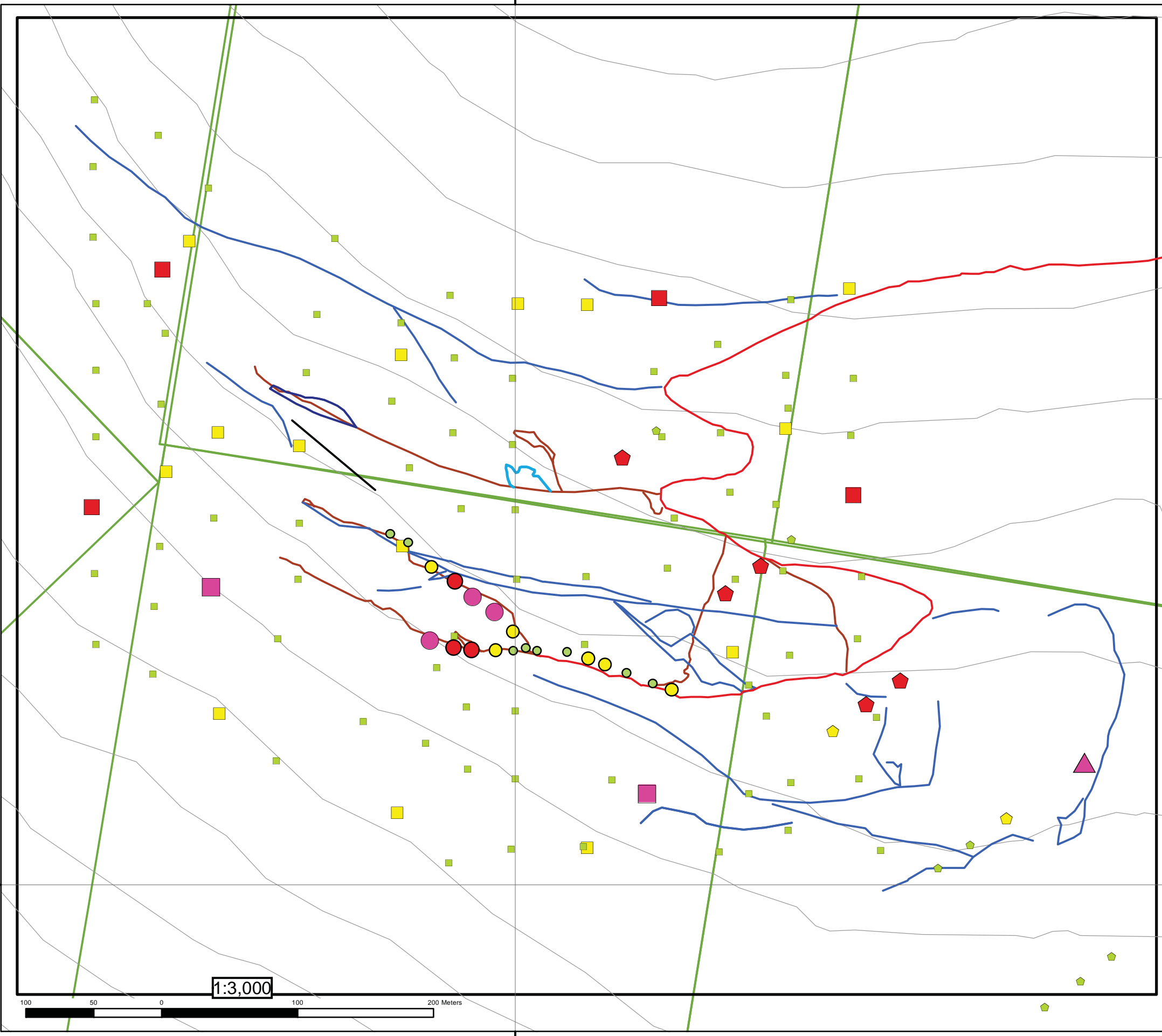
- ▲ 0
- ▲ 0.1 - 60
- ▲ 60.1 - 100
- ▲ 100.1 - 450
- ▲ 450.1 - 1300

2006-049_ymip_soils

Cu_ppm

- 0
- 0.1 - 60
- 60.1 - 100
- 100.1 - 450
- 450.1 - 23340

105D/11, UTM NAD 83 Zone 8



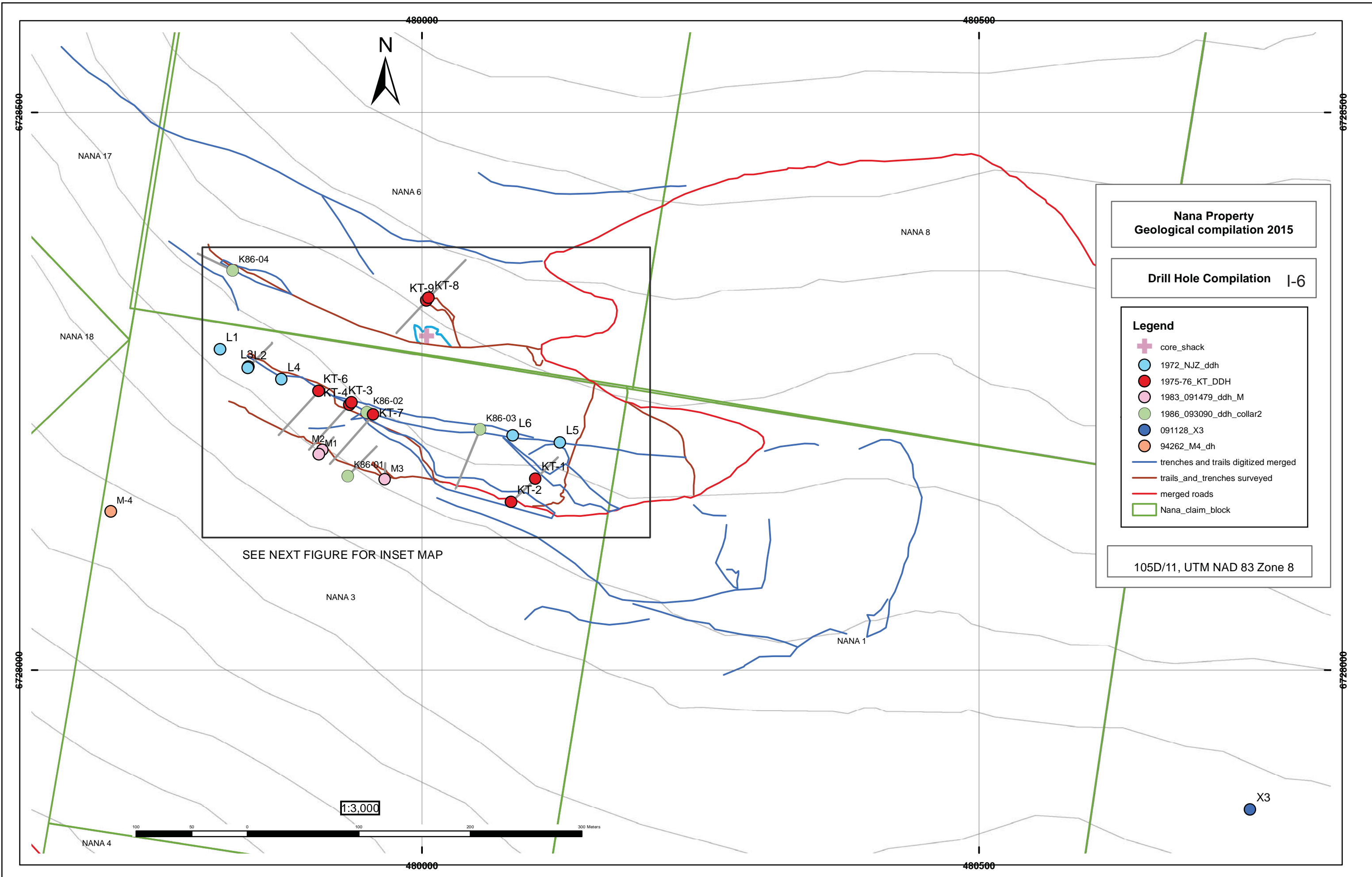
1:3,000

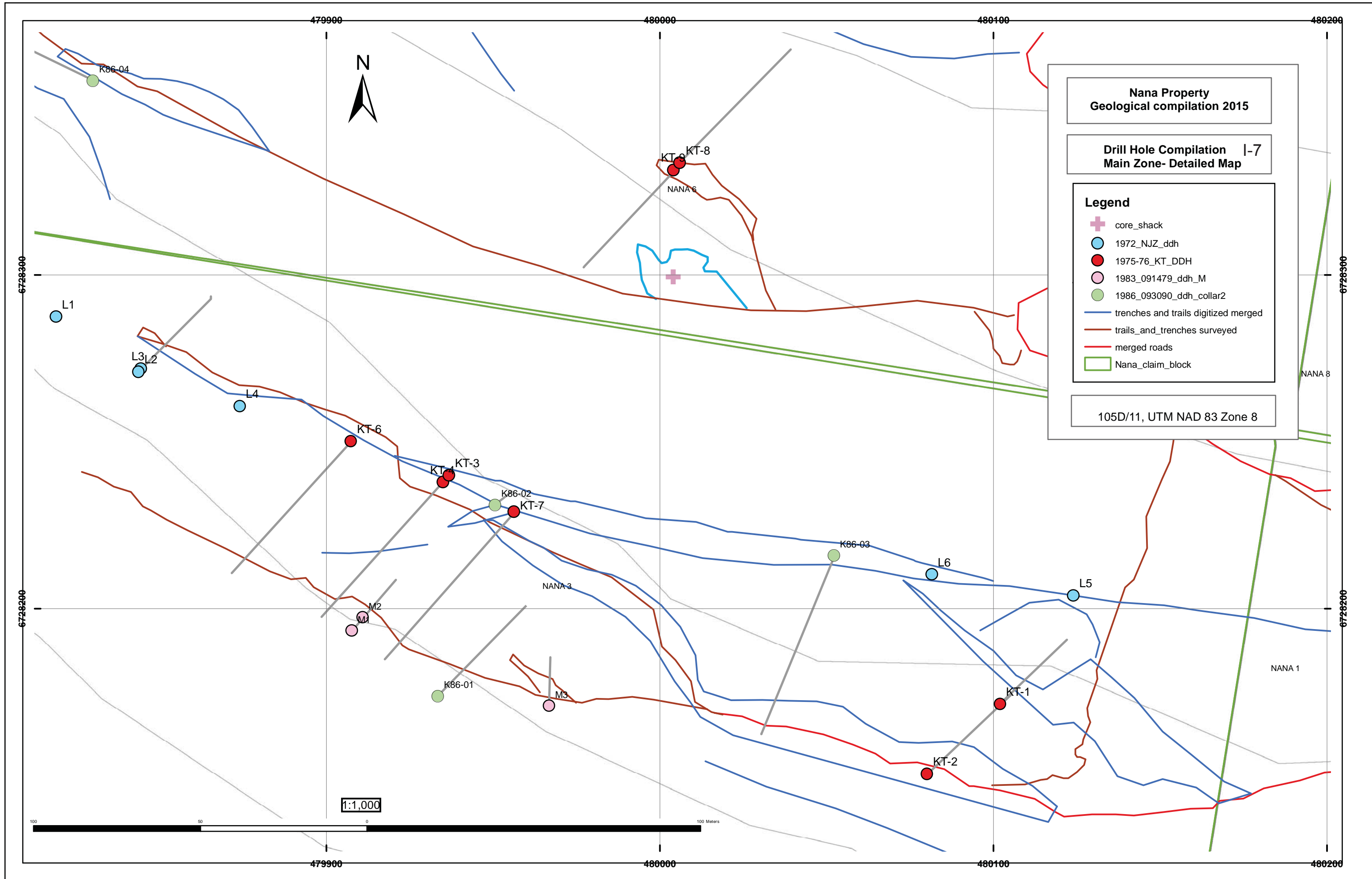


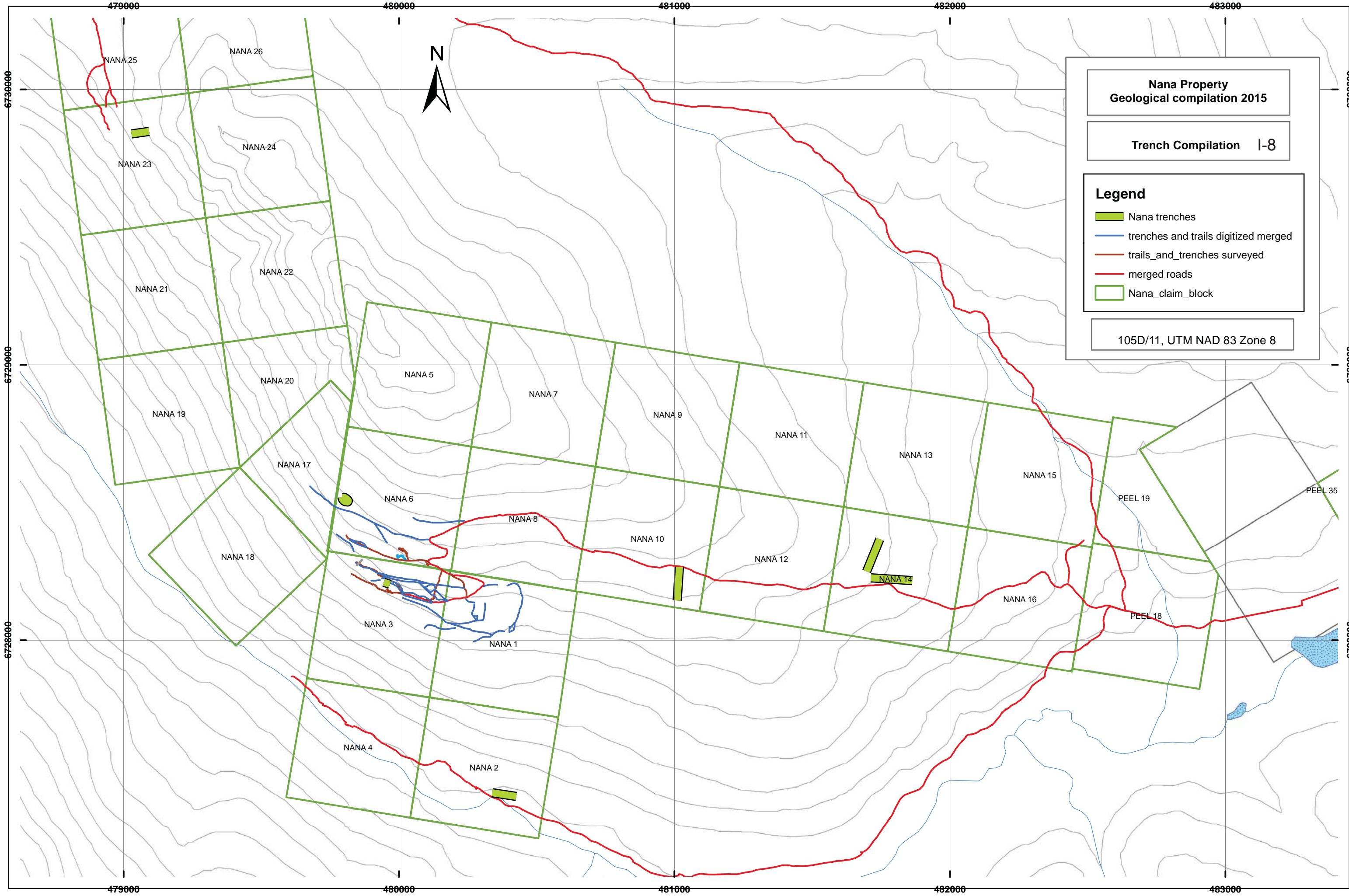
480000

6728000

6728000







479000

480000

481000

482000

483000

6730000

6729000

6728000

6730000

6729000

6728000

479000

480000

481000

482000

483000

NANA 25

NANA 26

NANA 23

NANA 24

NANA 21

NANA 22

NANA 19

NANA 20

NANA 5

NANA 7

NANA 9

NANA 11

NANA 13

NANA 15

PEEL 19

PEEL 35

NANA 17

NANA 6

NANA 8

NANA 10

NANA 12

NANA 14

NANA 16

PEEL 18

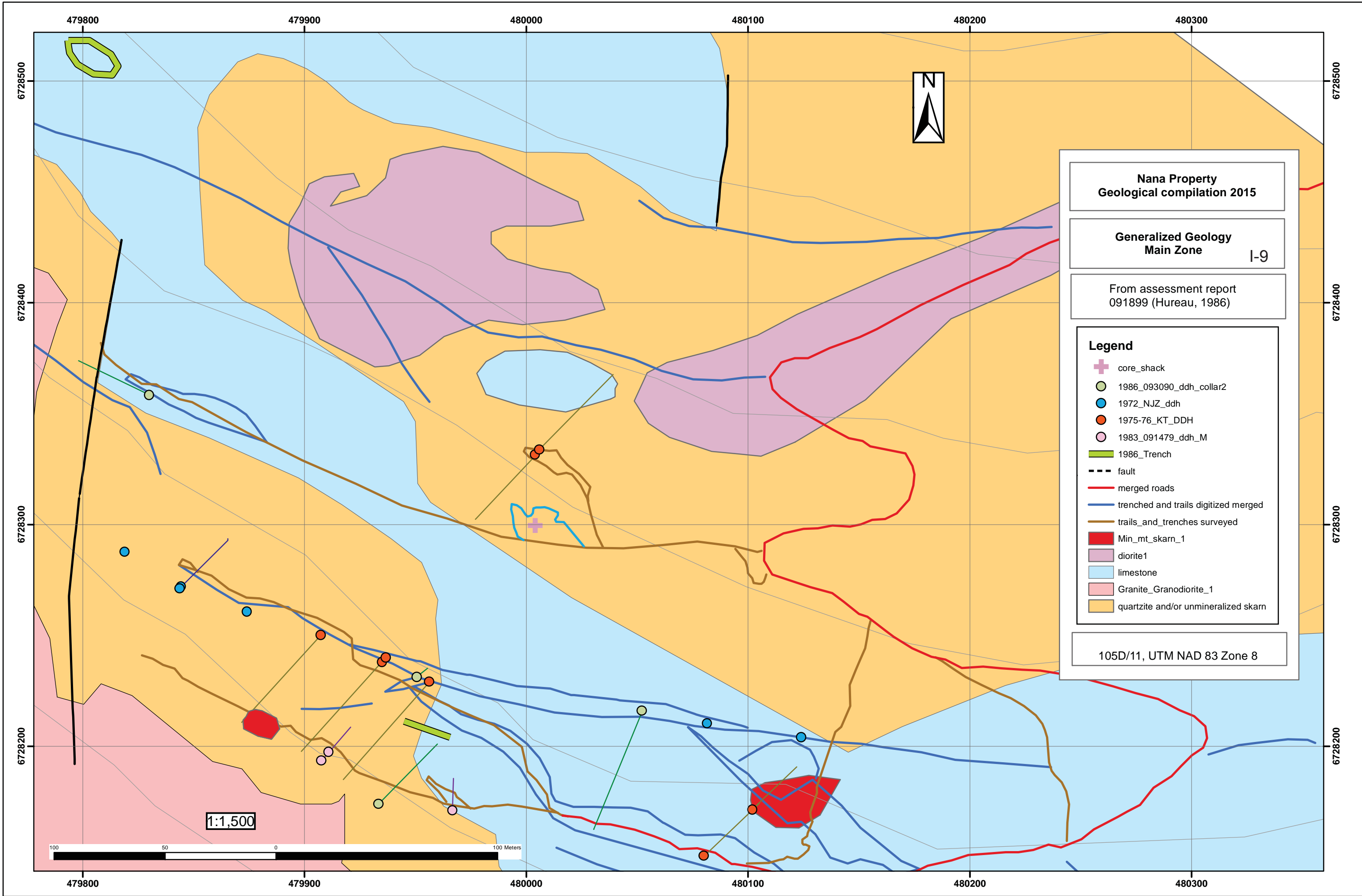
NANA 18

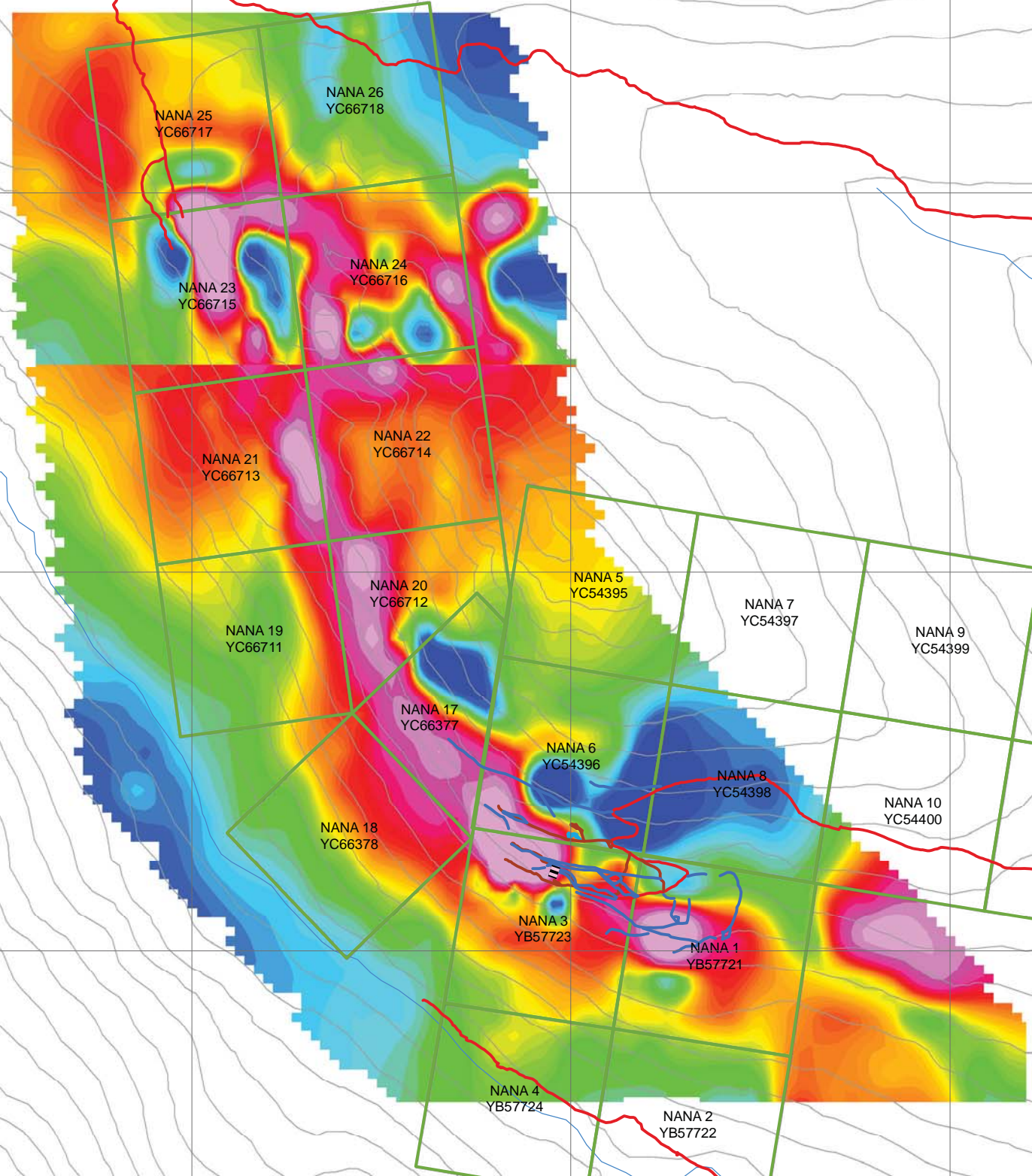
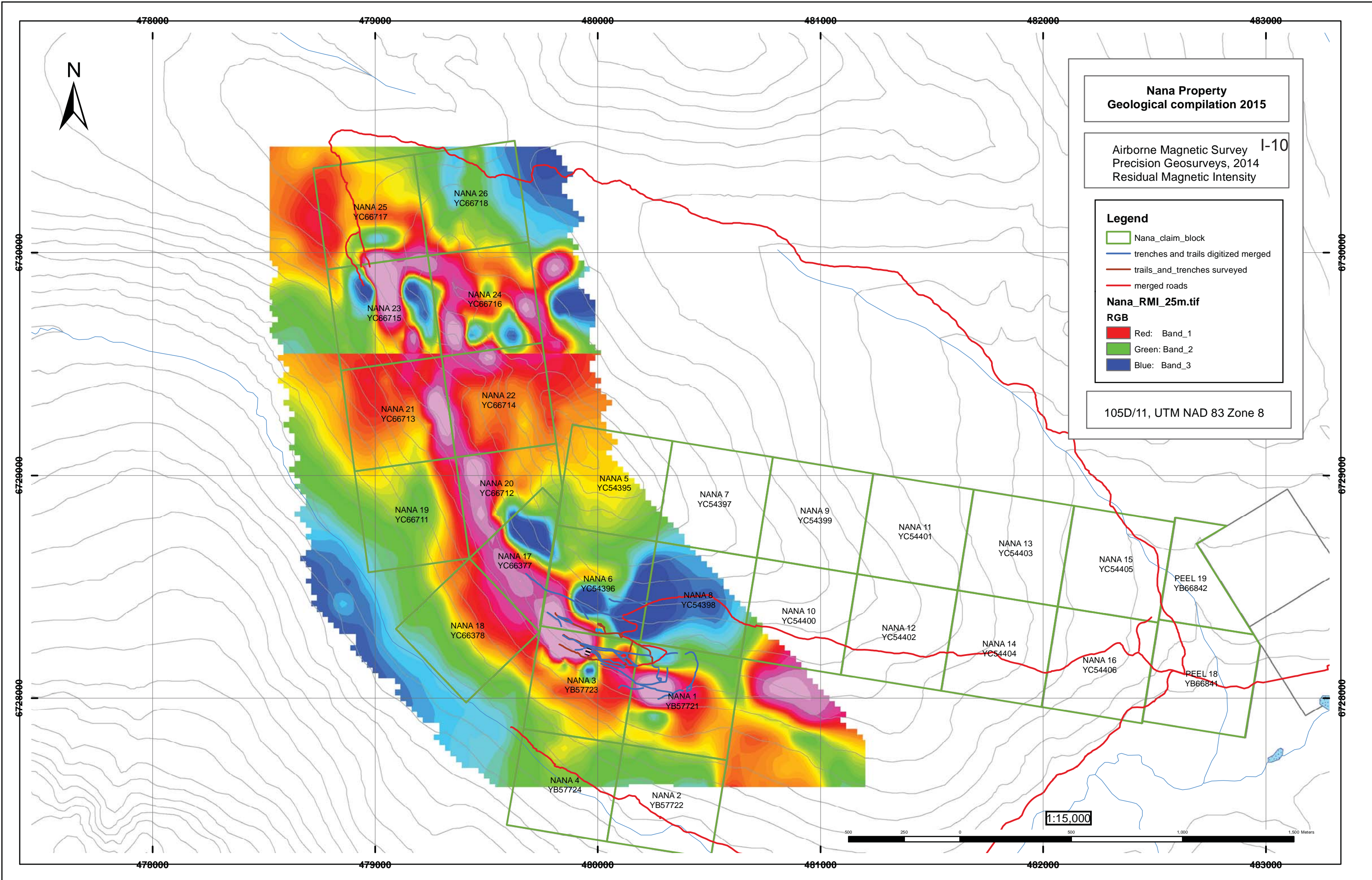
NANA 3

NANA 1

NANA 4

NANA 2





NANA 25
YC66717

NANA 26
YC66718

NANA 23
YC66715

NANA 24
YC66716

NANA 21
YC66713

NANA 22
YC66714

NANA 19
YC66711

NANA 17
YC66377

NANA 18
YC66378

NANA 3
YB57723

NANA 1
YB57721

NANA 4
YB57724

NANA 2
YB57722

NANA 5
YC54395

NANA 6
YC54396

NANA 7
YC54397

NANA 8
YC54398

NANA 10
YC54400

NANA 9
YC54399

NANA 12
YC54402

NANA 11
YC54401

NANA 14
YC54404

NANA 16
YC54406

NANA 13
YC54403

NANA 15
YC54405

PEEL 18
YB66844

PEEL 19
YB66842

